



# Parts Manual



## Champion

### Series Zero-Turn Riders & Mower Decks

#### 20HP Product

Mfg. No.	Description
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2690449	Champion Zero-Turn, 20HP Kohler Rider w/44" Mower
2690451	Champion Zero-Turn, 20HP B&S Rider w/50" Mower
2690452	Champion Zero-Turn, 20HP B&S Rider w/50" Mower (CE)
2690483	Champion Zero-Turn, 20HP Kohler Rider w/44" Mower (CE)
2690484	Champion Zero-Turn, 20HP Kohler Rider w/50" Mower (CE)

Part No.:

Rev. 01/2006

TP 400-7276-00-CH-S

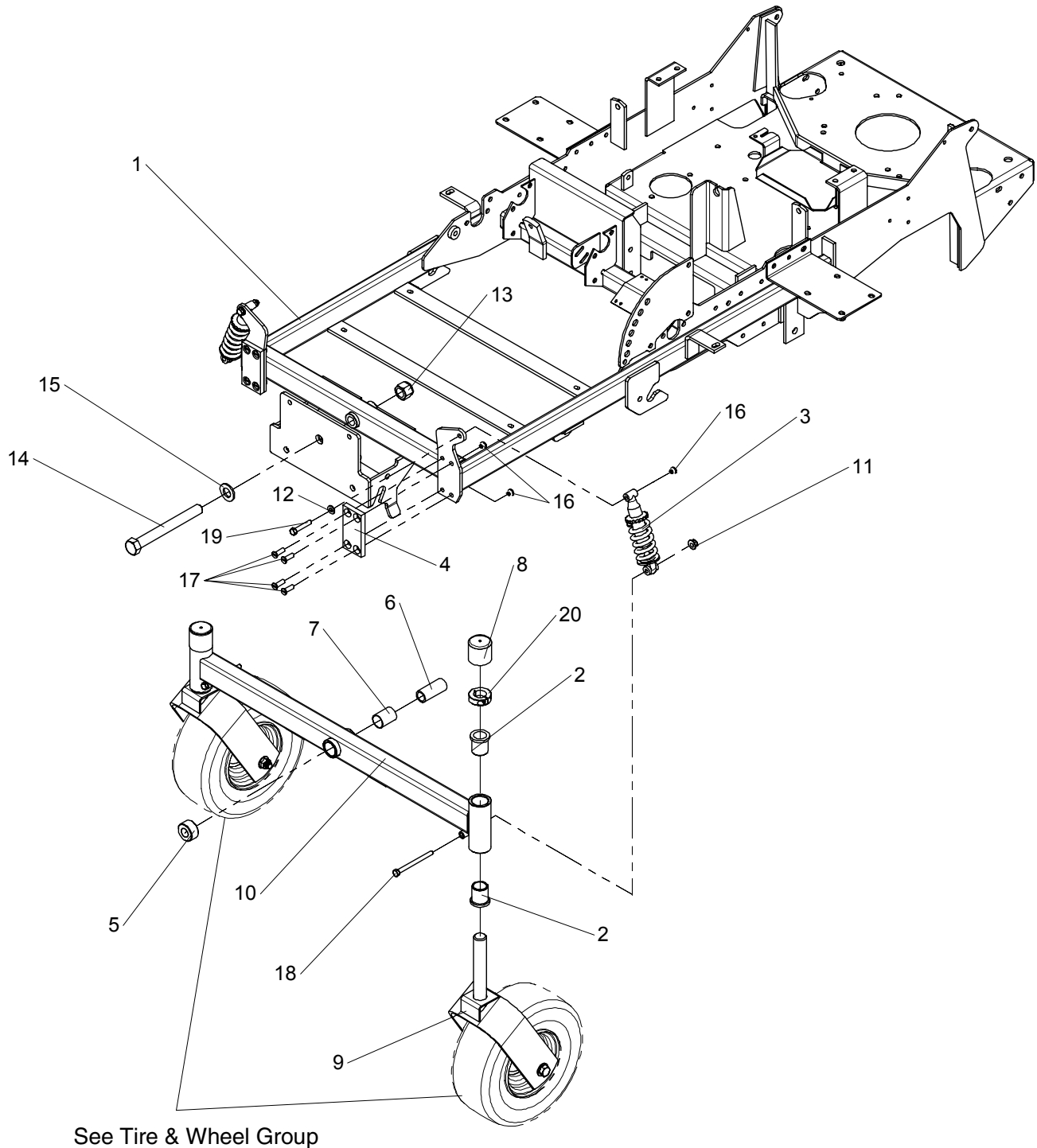


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## Main Frame & Front Suspension Group

276FRM0

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.



The above parts group applies to the following Mfg. Nos.:

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

### **Main Frame & Front Suspension Group**

REF NO	PART NO.	QTY.	DESCRIPTION
1	5401035C	1	WELD, MAINFRAME, SIMPLICITY ZT
2	5021541	4	BUSHING, FLANGE
3	5023483	2	SHOCK, 8.0 CENTER TO CENTER
4	5045990	2	PLATE, FRICTION REDUCER
5	5400756	1	SPACER, .75 X 1.50 X .785
6	5047489	1	SPACER, .75 X 1.00 X 2.38
7	5022852	1	PIVOT BEARING, 1.00" X 1.125" OD X 1.50"
8	5023214	2	CAP, VINYL 1.687 X 1-1/2
9	5048775C	2	WELD, CASTER YOKE
10	5400962C	1	WELD, PIVOTING FRONT END
11	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
12	5025155	2	WASHER, 5/16" SAE
13	5025284	1	NUT, 3/4-16 HEX NYLON LOCK
14	5025265X56	1	3/4-16 X 6" GD 8 BOLT TZ
15	5025160	1	WASHER, 3/4" SAE
16	5025057	10	NUT 5/16-18 HEX NYLON LOCK
17	5025303	8	SCREW 5/16-18 X 1 FLAT HD SC
18	5025011X30	2	BOLT, 5/16-18 X 3" GD5
19	5025011X14	2	BOLT, 5/16-18 X 1-3/4" GD5
20	5020602	2	COLLAR, 1" SPLIT

### **Footnotes**

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#### **The above parts group applies to the following Mfg. Nos.:**

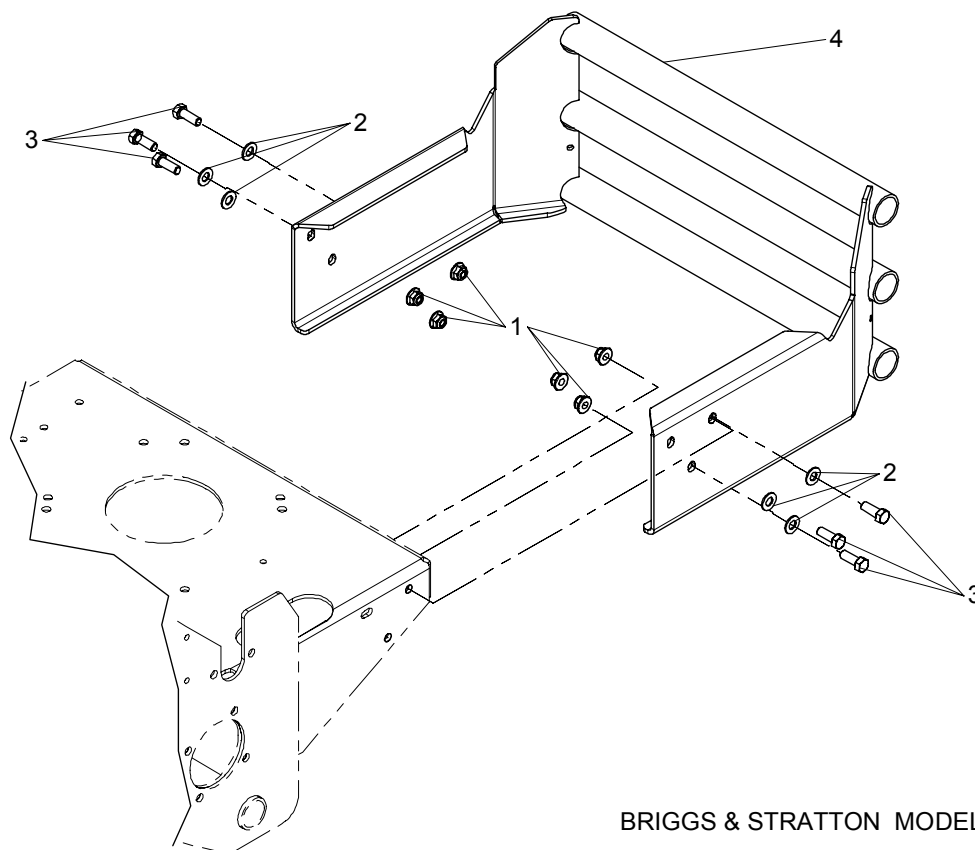
2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## Bumper Group

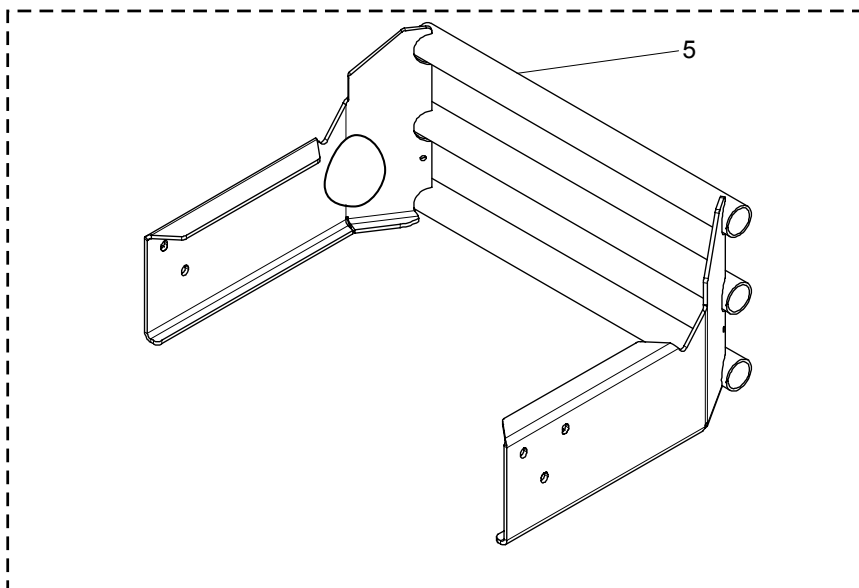
NOTE: Unless noted otherwise,  
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specification chart.

276BMP0

### KOHLER MODEL



### BRIGGS & STRATTON MODELS



The above parts group applies to the following Mfg. Nos.:

- 2690449 - Champion Zero-Turn
- 2690451 - Champion Zero-Turn
- 2690452 - Champion Zero-Turn
- 2690483 - Champion Zero-Turn
- 2690484 - Champion Zero-Turn

### ***Bumper Group***

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
2	5025156	6	WASHER 3/8" SAE
3	5025013X8	6	BOLT, 3/8-16 X 1" GD5
4	5400356C	1	WELD, BUMPER, CONSUMER Z (For Models with Kohler Engines)
5	5401074C	1	WELD, BUMPER, V-TWINS CONSUMER Z (For Models with Briggs & Kawasaki Engines)

### **Footnotes**

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2690484 - Champion Zero-Turn

**NOTE: Unless noted otherwise, use the standard hardware torque specification chart.**

**Kohler models only.**



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## Engine & PTO Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5061857C	1	PLATE, CLUTCH ANCHOR
2	5043636	1	CLUTCH ANCHOR PAD
3	5044617	3	WASHER, CLUTCH ANCHOR
4	5025011X8	5	BOLT, 5/16-18 X 1" GD5
5	5025392	3	NUT, 5/16-18 HEX NYLOCK FLANGE
6	5025155	17	WASHER, 5/16" SAE
7	5050407X18	1	KEY, 1/4" SQ. X 3-1/2"
8	5048262C	2	BRACKET, MUFFLER
9	5042132	1	SPACER, .45 X 1.62 X .37
10	5025011X6	4	BOLT, 5/16-18 X 3/4" GRD5
11	5025139	6	NUT, 5/16-18 HEX LG SERR FLG.
12	5023253	1	BOLT, CRANKSHAFT, 7/16" X 2"
13	5401071C	1	PLATE, HEAT SHIELD
14	5023100	1	CLUTCH, ELECTRIC, 1" SHAFT
15	5023187	1	MUFFLER, 20HP BRIGGS
16	*	1	ENGINE, 20HP BRIGGS
17	5025057	4	NUT 5/16-18 HEX NYLON LOCK
18	5025011X14	4	BOLT, 5/16-18 X 1-3/4" GD5
19	5048681	1	HOSE, OIL DRAIN
20	*	1	ENGINE, 20HP KOHLER
21	5100399	3	BOLT, 3/8-16 X 1", SELF TAPPING
22	5021500	1	CLAMP, VINYL INSULATED

### Footnotes

Note\* Not an illustrated part.

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### The above parts group applies to the following Mfg. Nos.:

2690449 - Champion Zero-Turn

2690451 - Champion Zero-Turn

2690452 - Champion Zero-Turn

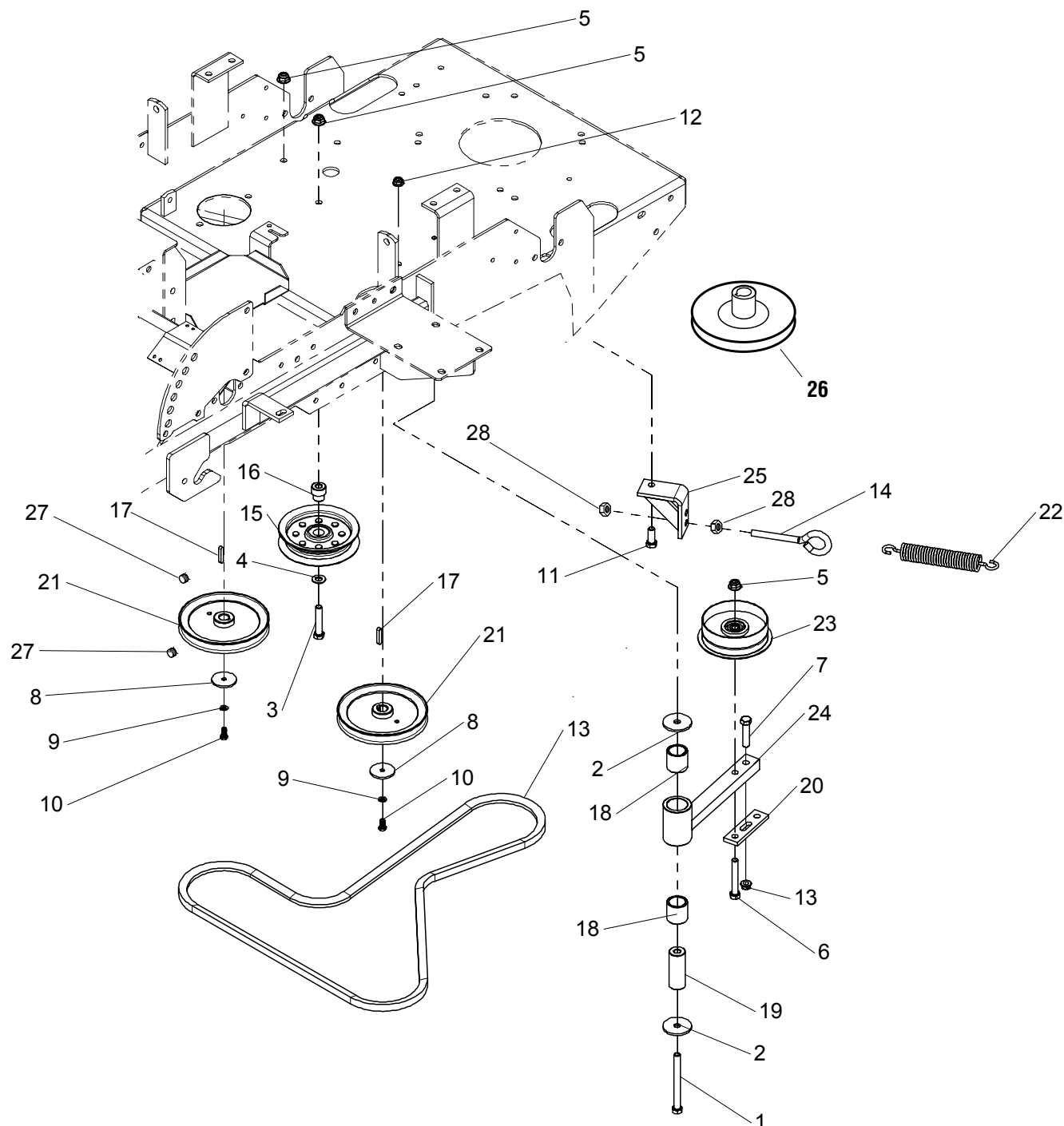
2690483 - Champion Zero-Turn

2690484 - Champion Zero-Turn

## Drive Group

**NOTE:** Unless noted otherwise,  
use the standard hardware torque  
specification chart.

276GDR0



**The above parts group applies to the following Mfg. Nos.:**

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2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## Drive Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025013X32	1	BOLT, 3/8-16 X 4" GD5
2	5025305	2	WASHER, .41 X 1.75 X .14
3	5025013X16	1	BOLT, 3/8-16 X 2" GD5
4	5025156	1	WASHER 3/8" SAE
5	5025394	3	NUT, 3/8-16 HEX NYLOCK FLANGE
6	5025013X20	1	BOLT, 3/8-16 X 2-1/2" GD5
7	5025013X14	1	BOLT, 3/8-16 X 1-3/4" GD5
8	5044577	2	WASHER, .265 X 1.50 X .109, YZ
9	5025169	2	WASHER, 1/4" LOCK
10	5023215	2	BOLT, M6-1.0 X 14MM
11	5025013X8	1	BOLT, 3/8-16 X 1" GD5
12	5025392	1	NUT, 5/16-18 HEX NYLOCK FLANGE
13	5022931	1	BELT, DECK DRIVE
14	5023497	1	EYE BOLT, 3/8-16 X 5", 1" EYE
15	5021002	1	PULLEY, IDLER
16	5049184	1	SPACER, HYDRO IDLER PULLEY
17	5023254	2	KEY, 5MM SQ W/ RADIUS
18	5022157	2	BUSHING, BRASS, 1.25 X 1 X 1.25
19	5045135	1	SPACER, .39 X 1.00 X 2.55
20	5048219C	1	PLATE, ANCHOR, SPRING
21	5023251	2	PULLEY, PUMP DRIVE
22	5022847	1	SPRING, EXTENSION, SWIVEL END
23	5022621	1	PULLEY, IDLER, SINGLE FLANGE
24	5046429C	1	WELD, ARM, PUMP DRIVE IDLER
25	5045198C	1	WELD, ANCHOR EYEBOLT
26	5023252	1	PULLEY, Crankshaft
27	5025061X2	4	SET SCREW, 5/16-18 X 1/2
28	5025034	2	NUT, 3/8-16 HEX

## Footnotes

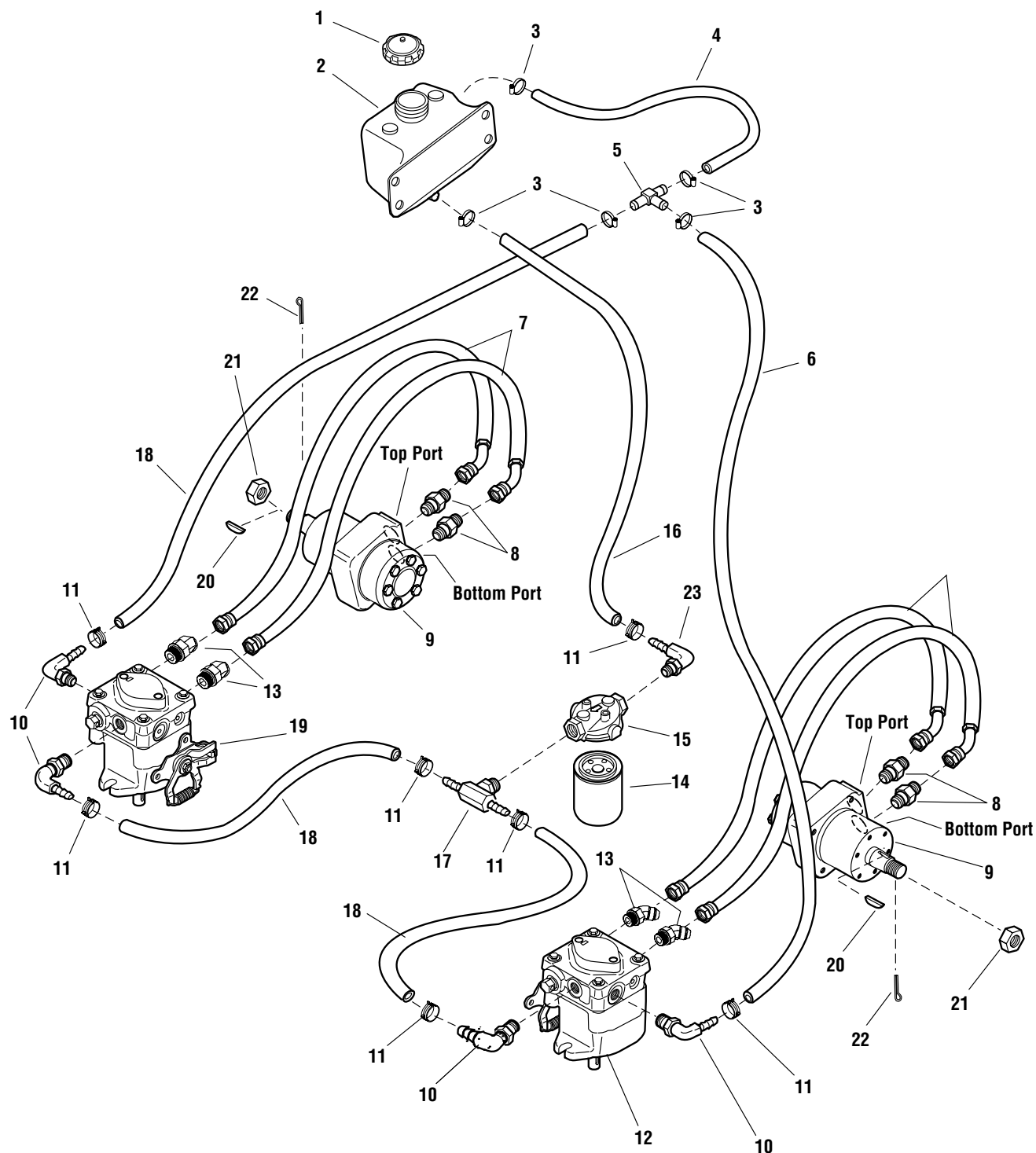
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2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## Hydraulic Group

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

276HYD0



The above parts group applies to the following Mfg. Nos.:

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## Hydraulic Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5023191	1	CAP
2	5023345	1	HYDRAULIC TANK
3	5021392	5	CLAMP, #6 HOSE
4	5400711	1	HOSE, 3/8 X 8.50" LONG
5	5022920	1	TEE FITTING
6	5400708	1	HOSE, 3/8 X 27" LONG
7	5100165	4	19" HOSE ASSEMBLY
8	5022634	4	FITTING, ADAPTER
9	5023091	2	WHEEL MOTOR
10	5023267	4	FITTING, 90 DEG. O-RING
11	5023268	7	CLAMP, HOSE
12	5023093	1	HYDRAULIC PUMP, LH
13	5023338	4	FITTING, ADAPTER
14	1719168	1	FILTER
15	5023096	1	FILTER HEAD
16	5400707	1	HOSE, 5/8 X 12.5" LONG
17	5023266	1	FITTING, TEE
18	5400710	3	HOSE, 3/8 X 7.5 " LONG
19	5023092	1	HYDRAULIC PUMP, RH
20	5023091X1	2	KEY
21	5023091X2	2	NUT, CASTLE
22	5025203X10	2	PIN, COTTER, 1/8 X 1-1/4
23	5023267	1	ADAPTER, 90 DEG, 9/16-5/8 BARB

## Footnotes

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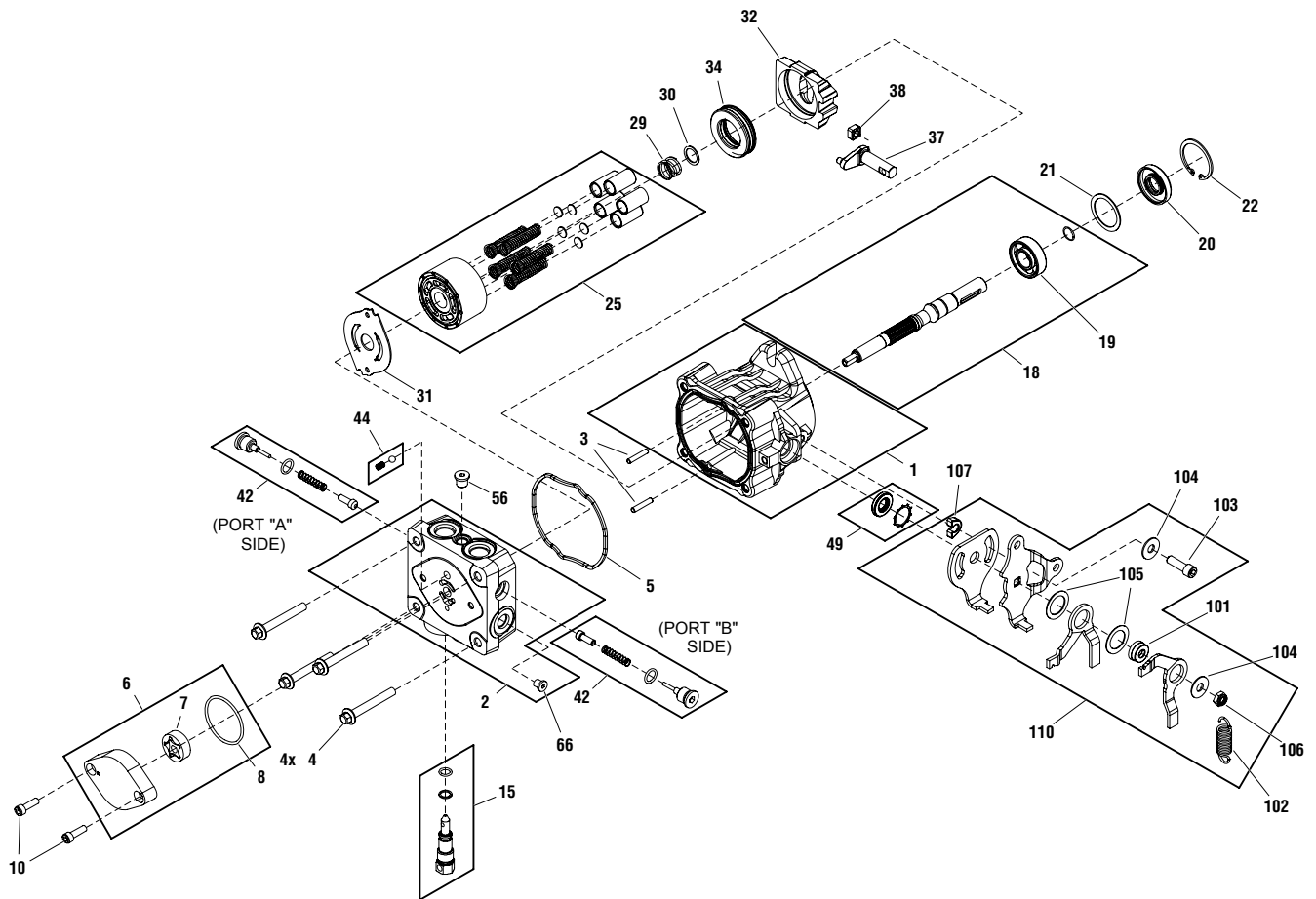
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2690449 - Champion Zero-Turn  
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2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## Hydraulic Pump SERVICE PARTS - BDP/PG Series

276PMP0

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.



The above parts group applies to the following Mfg. Nos.:

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## Hydraulic Pump SERVICE PARTS - BDP/PG Series

REF NO	PART NO.	QTY.	DESCRIPTION
1	5023405	1	Housing Kit
2	5023406	1	End Cap Kit (W/ Poppets, Standard Charge) (Includes Ref. Nos. 66)
3	5023407	1	Straight Headless Pin
4	5023408	4	Hex Flange Bolt M8-1.25 X 60mm LG
5	5023409	1	Housing O-Ring
6	5023410	1	Charge Pump Kit (STD) (Includes Ref. Nos. 7 & 8)
7	*	1	STD Gerotor Assy (11 cu. In/rev D-Drive) (Not a Serviceable Part)
8	*	1	O-Ring (Not a Serviceable Part)
10	5023411	2	Socket Head Screw M6 x 1.0-20mm Lg (STD Charge)
15	5023412	1	Bypass Valve Kit (Blank)
18	5023413	1	Pump Shaft Kit (Blind 15mm Keyway W/ Std Charge) (Includes Ref. Nos. 19)
19	*	1	Ball Bearing 17 x 40 x 12 (Not a Serviceable Part)
20	5023414	1	Lip Seal 17 x 40 x 7 PTC
21	5023415	1	Spacer
22	5023416	1	Retaining Ring
25	5023417	1	Cylinder Block Kit
29	5023418	1	Block Spring
30	5023419	1	Block Thrust Washer
31	5023420	1	Valve Plate (Steel N-Tec:Black)
32	5023421	1	Swashplate
34	5023422	1	Ball Thrust Bearing
37	5023423	1	Trunnion Arm, Tapered Square
38	5023424	1	Slot Guide
42	5023425	2	Check Valve Kit (0.031"Orifice)
44	5023426	1	Charge Relief Valve Kit (1/4" Plastic Ball & Spring)
49	5023427	1	Trunnion Seal / Retainer Kit
56	5023428	1	Straight Thread Plug
66	*	1	5/16" SAE Plug (Not a Serviceable Part)
100	5023429	1	Overhaul Seal Kit (Not Shown)
101	*	1	Spacer RTN (Not a Serviceable Part)
102	*	1	Spring, Extension (Not a Serviceable Part)
103	*	1	Screw, 5/16 x .875 (Patch) (Not a Serviceable Part)
104	*	2	Washer .34 x .88 x .06 (Not a Serviceable Part)
105	*	1	Washer, Nylon (Not a Serviceable Part)
106	*	1	Nut, Hex Lock 5/16-24 UNF (Not a Serviceable Part)
107	*	1	Spacer (Not a Serviceable Part)
110	5023430	1	Kit, RTN, STD (Includes Ref. Nos. 94, 98, 100, 101, 102, 103, 104, 104, 105, 106 & 107)

### Footnotes

Note\* Not a serviceable part.

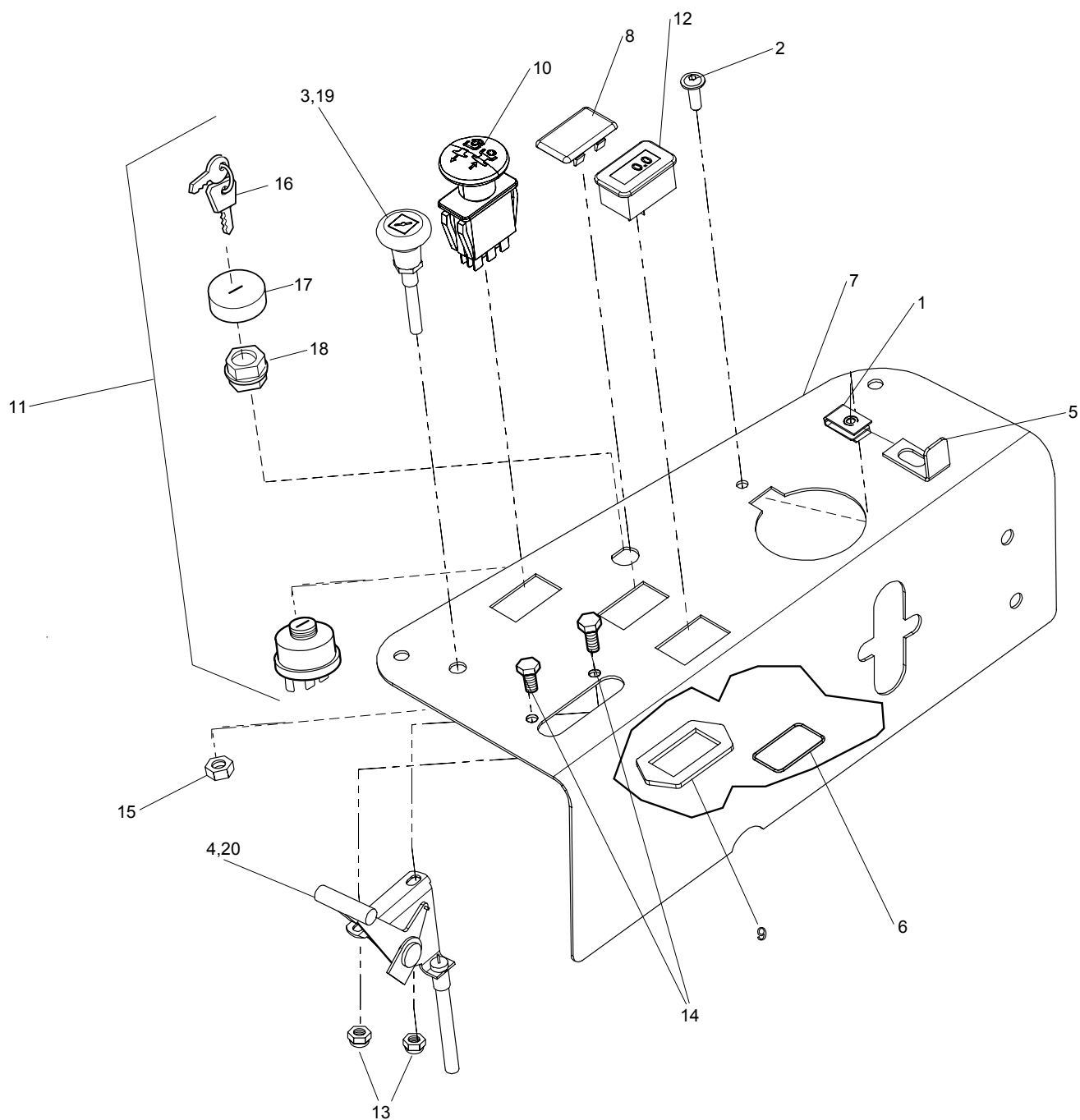
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2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

### ***Control Group Panel***

**NOTE: Unless noted otherwise, use the standard hardware torque specification chart.**

276INS0



**The above parts group applies to the following Mfg. Nos.:**

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn



### ***Control Group Panel***

<b>REF NO</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
1	5022665	1	BODY CLIP, 1/4-20 X .500 DEEP
2	5025299X6	1	SCREW, ALLEN HEAD, 1/4-20 X 3/4"
3	5100184	1	CABLE, CHOKE CONTROL, 43.5" (Briggs & Stratton model only)
4	5100182	1	CABLE THROTTLE CONTROL, 36" (Briggs & Stratton model only)
5	5049022	1	BRACKET, LOCK
6	5022269	1	O-RING, 7/8" ID X 1/16" W
7	5400717A	1	PLATE, CONTROL TANK COVER
8	1709188	1	HOLE, PLUG DASH
9	5022222	1	RING, SWITCH RETAINER, PTO
10	5022180	1	SWITCH, BLADE ENGAGEMENT
11	5020927	1	SWITCH, IGNITION 6 POST (Includes Ref. 16 - 18)
12	1725523	1	HOUR METER-DIGITAL
13	5025095	2	NUT, Hex Nylon Lock, 1/4-20
14	5025010X6	2	BOLT, 1/4-20 x 3/4
15	5025035	1	NUT, 3/8-24 HEX
16	5022789	1	KEY, Ignition Molded (Set of 2)
17	5022790	1	COVER
18	5022791	1	PLASTIC NUT
19	5100185	1	CABLE, CHOKE CONTROL, 30.5" (Kohler model only)
20	5100181	1	CABLE, THROTTLE CONTROL, 27.5" (Kohler model only)

### **Footnotes**

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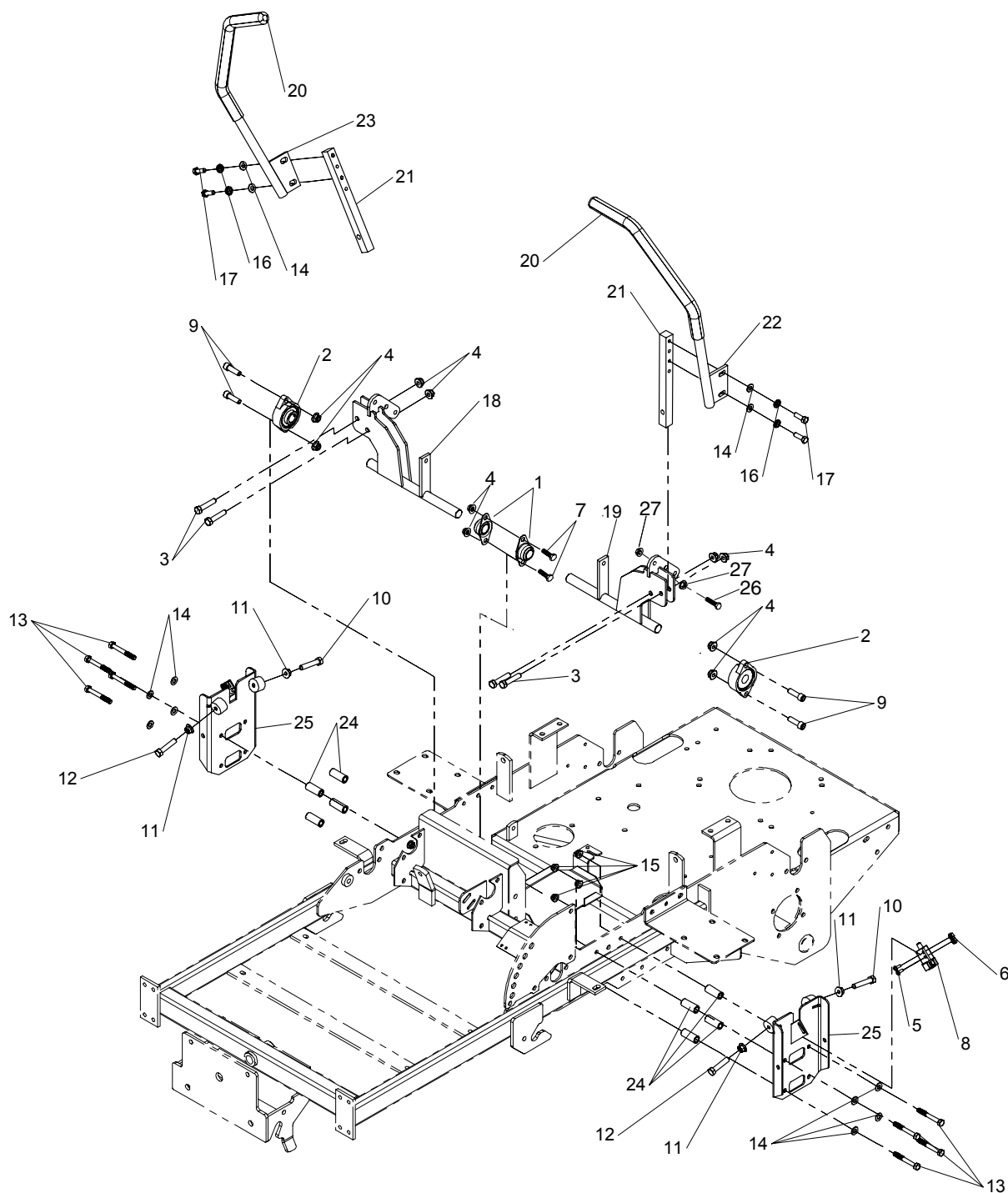
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2690484 - Champion Zero-Turn

## Control Group Upper

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

276MCG1



The above parts group applies to the following Mfg. Nos.:

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

### ***Control Group Upper***

<b>REF NO</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
1	5021098	2	BEARING, BRONZE FLANGE, 3/4"
2	5021499	2	BEARING, FLANGE
3	5025013X14	4	BOLT, 3/8-16 X 1-3/4" GD5
4	5025394	10	NUT, 3/8-16 HEX NYLOCK FLANGE
5	5025179X4	4	10-24 X .5 SCREW
6	5025029	4	NUT, HEX, #10-24
7	5025013X8	2	BOLT, 3/8-16 X 1" GD5
8	5022095	2	SWITCH, PLUNGER, N.O. / N.C.
9	5025327	4	3/8-16 x 1-1/4 SOCKET HD CAPSCR
10	5025055X16	2	BOLT, 5/16-18 X 2" GD 5 TFL
11	5025139	4	NUT, 5/16-18 HEX LG SERR FLG.
12	5025055X14	2	BOLT, 5/16-18 X 1.75" GD 5 TFL
13	5025011X20	8	BOLT, 5/16-18 X 2-1/2" GD5
14	5025155	12	WASHER, 5/16" SAE
15	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE
16	5025170	4	WASHER, 5/16" LOCK
17	5025011X8	4	BOLT, 5/16-18 X 1" GD5
18	5401020C	1	WELD, CONTROL SHAFT- RH
19	5401017C	1	WELD, CONTROL SHAFT- LH
20	5022068	2	GRIP, FOAM, 3/4" ID, 16" LONG
21	5047004	2	MOUNT, CONTROL ARM
22	5401096C	1	WELD, HANDLE MOTION CONTROL-LH
23	5401097C	1	WELD, HANDLE MOTION CONTROL-RH
24	5048264	8	SPACER, .63 X .39 X 1.50
25	5048169C	2	WELD, NEUTRAL PLATE
26	5025011X12	2	BOLT, 5/16-18 X 1-1/2" GD5 YZ
27	5025139	4	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)

### **Footnotes**

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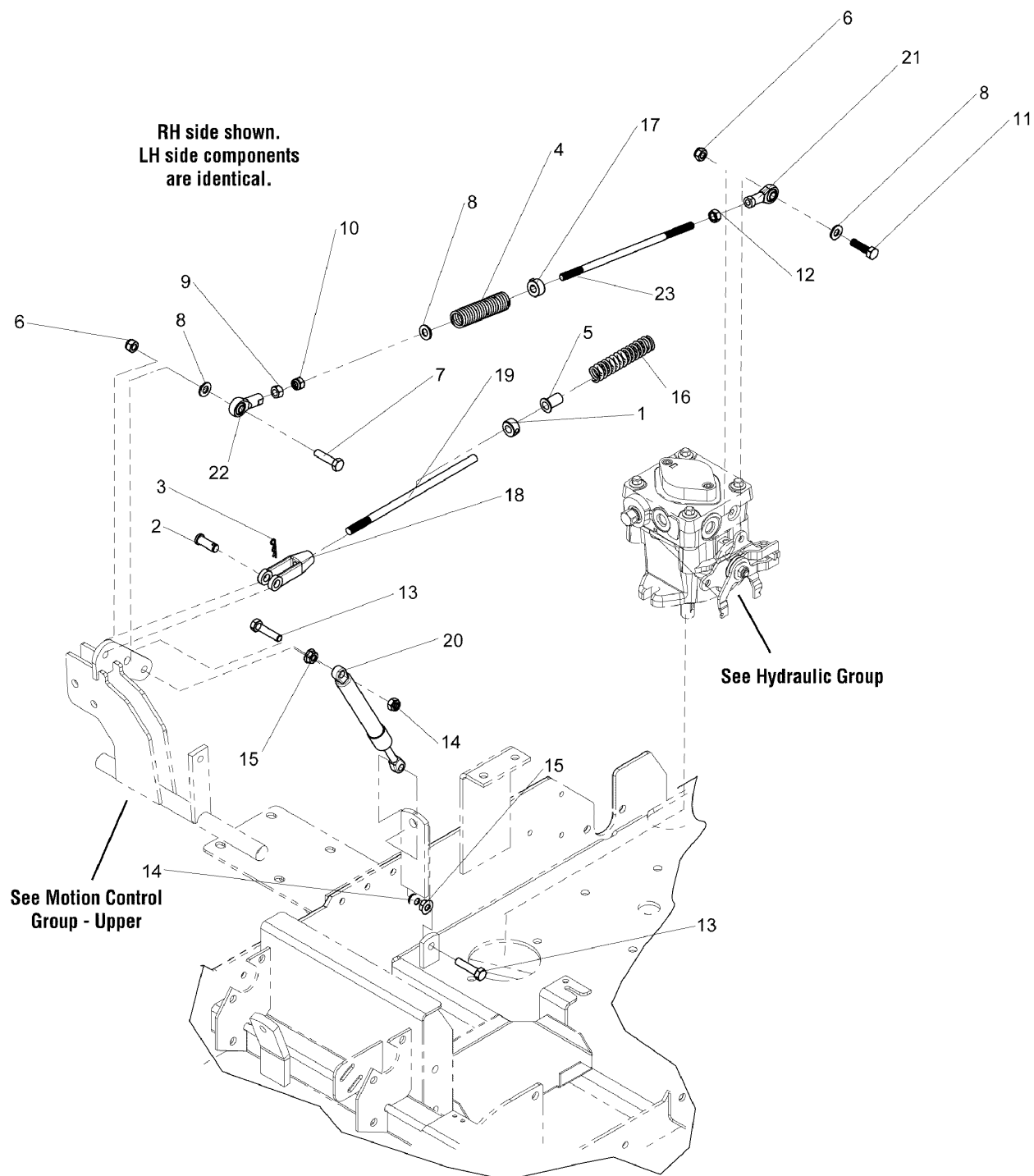
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2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## Control Group Lower

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

270MCG0



The above parts group applies to the following Mfg. Nos.:

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

### ***Control Group Lower***

REF NO	PART NO.	QTY.	DESCRIPTION
1	5010546	2	COLLAR, 3/8" SET
2	5025214X8	2	PIN, CLEVIS, 3/8" X 1"
3	5025211	2	PIN, HAIR, .0585 X 1-1/8
4	5023242	2	SPRING, CONTROL ROD
5	5023260	2	BUSHING, FLANGE 3/8ID X 7/8 LONG
6	5025057	4	NUT 5/16-18 HEX NYLON LOCK
7	5025011X10	2	BOLT, 5/16-18 X 1-1/4" GD5
8	5025155	6	WASHER, 5/16" SAE
9	5025033	2	NUT, HEX 5/16-24
10	5025045	2	NUT 5/16-24 HEX NYLON LOCK
11	5025011X9	2	BOLT, 5/16-18 X 1-1/8" GD5
12	5023212	2	NUT, 5/16 HEX LH
13	5025335	4	BOLT, M8-1.25 x 35MM
14	5025354	4	NUT, M8-1.25 Hex Nylon Lock
15	5025355	4	NUT, M8-1.25 Hex Serrated Flange
16	5022645	2	SPRING, COMPRESSION
17	5020047	2	SET COLLAR, 5/16"
18	5021171	2	CLEVIS, 3/8-24, PLASTIC
19	5049969	2	ROD, NEUTRAL CONTROL, 8"
20	5022978	2	DAMPENER
21	5022628	2	BALL JOINT, 5/16-24 Female LH
22	5021146	2	BALL JOINT, 5/16-24 Female
23	5048921	2	CONTROL ROD, ADJ. SPRING
24	5048923	2	ROD ASSEMBLY, SLIDER

### **Footnotes**

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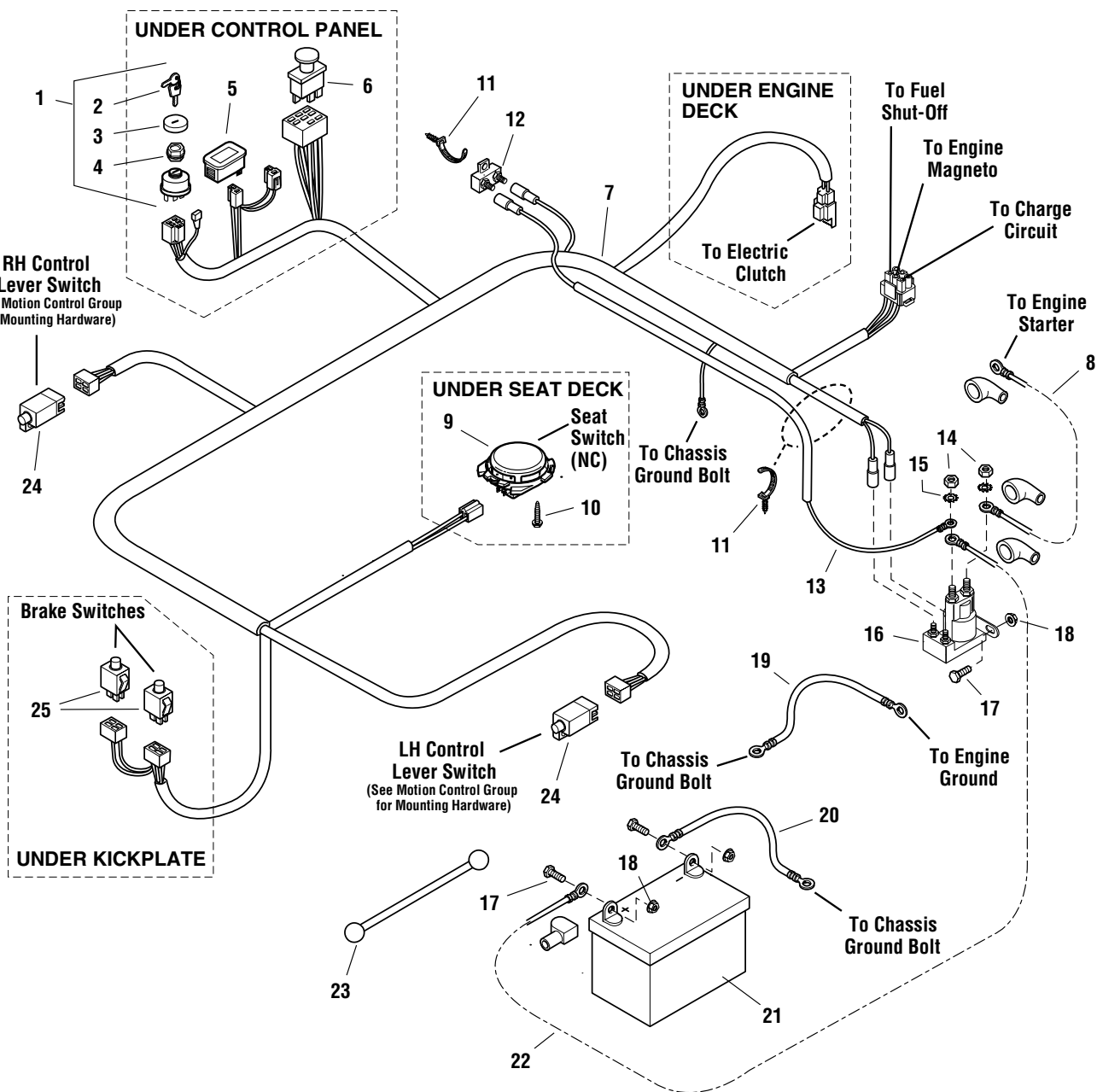
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2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## Electrical Group

276EGS0

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.



The above parts group applies to the following Mfg. Nos.:

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## ***Electrical Group***

<b>REF NO</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
1	5020927	1	SWITCH, IGNITION, (Includes Ref No. 2-4)
2	5022789	1	KEY, Ignition Molded (Set of 2)
3	5022790	1	COVER
4	5022791	1	PLASTIC NUT
5	1725523	1	HOUR METER, DIGITAL (Includes Retaining Ring)
6	5022180	1	SWITCH, PTO
7	5048640	1	MAIN HARNESS ASSEMBLY
8	5048756	1	CABLE, #6 X 15" LONG, RING TERMINAL
9	1716368	1	SWITCH, SEAT, GRAY, NC
10	1960536	2	BOLT, HEX WASHER HEAD PLASTITE, 1/4 X 1/2
11	5021199	2	CABLE TIE, PUSH MOUNT
12	5023222	1	CIRCUIT BREAKER, 20A
13	5048938	1	CRICUIT BREAKER WIRE ASSEMBLY
14	5023216	2	NUT, HEX JAM, 5/16-24
15	5023217	2	WASHER, LIGHT LOCK, 5/16
16	1724815	1	SOLENOID
17	5025010X6	4	BOLT, 1/4-20 X 3/4
18	5025126	4	NUT, HEX SERRATED FLANGE, 1/4-20
19	5044014	1	CABLE, #6 X 10" LONG, RING TERMINAL
20	5021406	1	CABLE, #6 X 22" LONG, RING TERMINAL
21	5020798	1	BATTERY, 12 VOLT
22	5021542	1	CABLE, #6 X 30" LONG, RING TERMINAL
23	1722009	1	STRAP, BATTERY, 14 LONG, RUBBER
24	5022095	2	SWITCH, PLUNGER, NO/NC
25	5022182	2	SWITCH, PLUNGER, NO/NC, SNAP IN

## **Footnotes**

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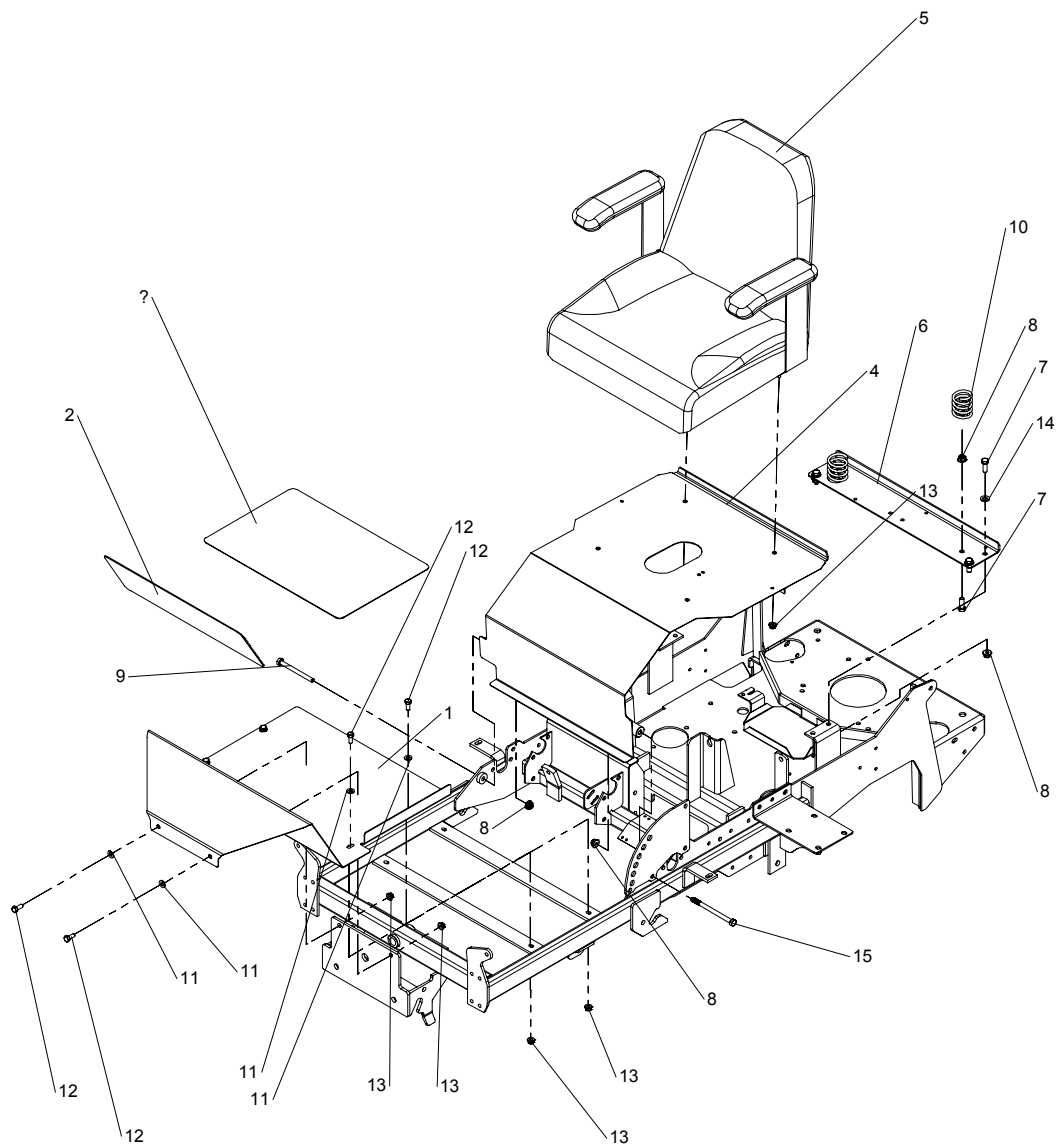
### **The above parts group applies to the following Mfg. Nos.:**

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## Seat & Kickplate Group

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

276SKP0



The above parts group applies to the following Mfg. Nos.:

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn



### ***Seat & Kickplate Group***

REF NO	PART NO.	QTY.	DESCRIPTION
1	5049978	1	SAFETY WALK, FLOOR PLATE
2	5401027C	1	PLATE, FLOOR DETAIL, CONSUMER Z
3	5049979	1	SAFETY WALK, FLOOR REST
4	5400528C	1	WELD, SEAT PLATE
5	5061599	1	SEAT
6	5400361C	1	MOUNT, OIL FILTER
7	5025013X8	6	BOLT, 3/8-16 X 1" GD5
8	5025394	8	NUT, 3/8-16 HEX NYLOCK FLANGE
9	5025013X32	1	BOLT, 3/8-16 X 4" GD5
10	7078299	2	SPRING, CONTROL ROD
11	5025155	6	WASHER, 5/16" SAE
12	5025011X6	6	BOLT, 5/16-18 X 3/4" GRD5
13	5025392	10	NUT, 5/16-18 HEX NYLOCK FLANGE
14	5025156	4	WASHER 3/8" SAE
15	5025013X40	1	BOLT, 3/8-16 X 5" GD5

### **Footnotes**

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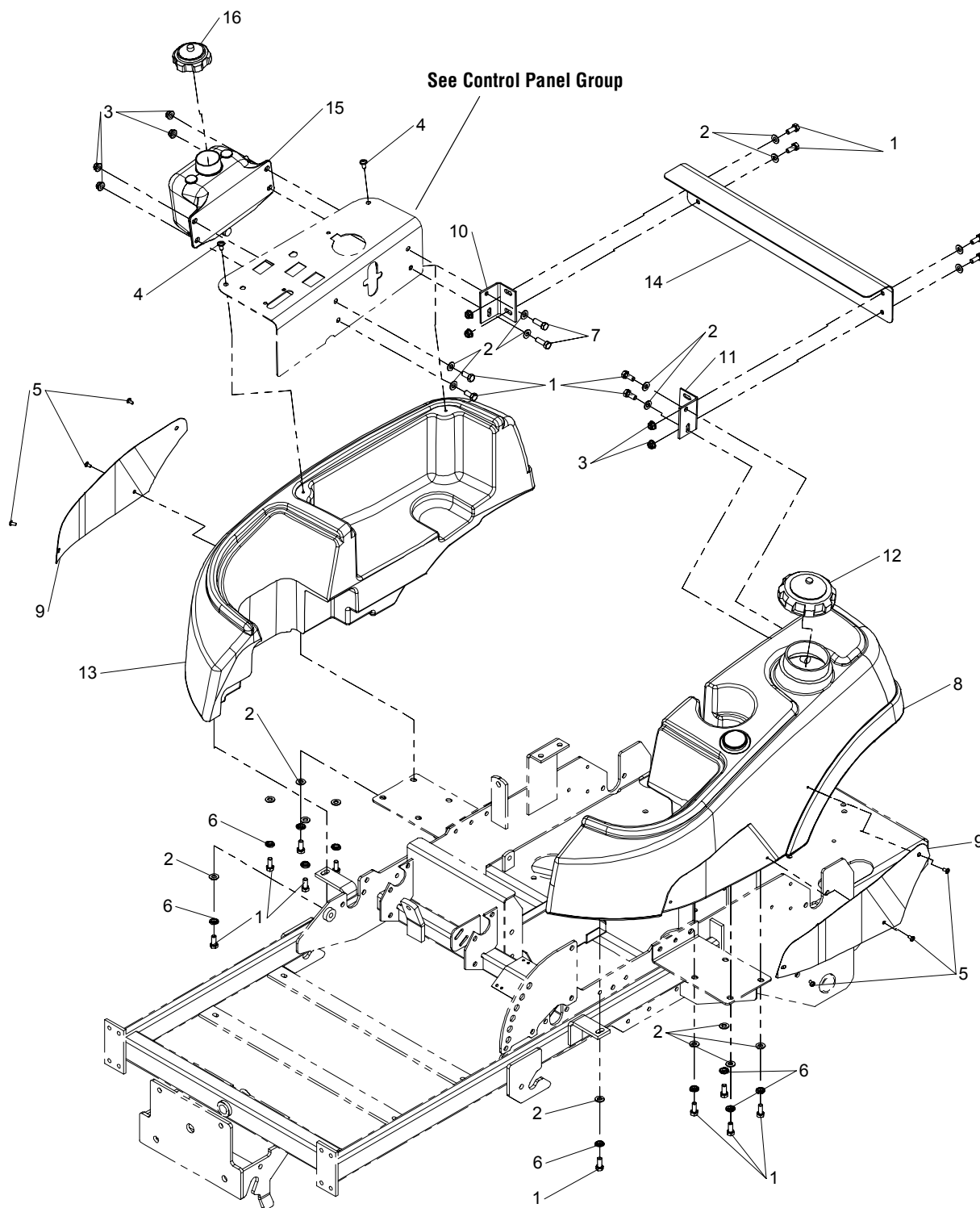
#### **The above parts group applies to the following Mfg. Nos.:**

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## Fuel Tank Group

**NOTE:** Unless noted otherwise,  
use the standard hardware torque  
specification chart.

276FSG0



**The above parts group applies to the following Mfg. Nos.:**

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## **Fuel Tank Group**

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025011X6	18	BOLT, 5/16-18 X 3/4" GRD5
2	5025155	20	WASHER, 5/16" SAE
3	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE
4	5025299X4	2	SCREW, ALLEN HEAD, 1/4-20X1/2
5	5025386	6	SCREW, Allen Head, #10-24 x 3/8"
6	5025170	10	WASHER, 5/16" LOCK
7	5025011X8	2	BOLT, 5/16-18 X 1" GD5
8	5048751	1	FUEL TANK ASSEMBLY (Includes Ref. 17 - 23)
9	5048909C	2	PLATE, FUEL TANK BADGE
10	5048763C	1	BRACKET, REAR SUPPORT - RH
11	5400836C	1	BRACKET, REAR SUPPORT - LH
12	5022158	1	CAP, FUEL TANK, 3-1/2" NECK
13	5048752	1	TANK, FUEL - RH
14	5400919C	1	PLATE, SUPPORT, REAR TANK
15	5023345	1	TANK, 2QT HYDRAULIC
16	5023191	1	CAP, HYDRAULIC RESERVOIR
17	5023061	1	ELBOW FITTING (Not Shown)
18	1654930	1	GROMMET (Not Shown)
19	5050925X20	1	HOSE, 20" (Not Shown)
20	5023069	2	HOSE CLAMP (Not Shown)
21	5023067	1	SCREEN FITTING (Not Shown)
22	5023197	1	FUEL GAUGE (Not Shown)
23	5022917X1	1	GROMMET (Not Shown)

## **Footnotes**

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### **The above parts group applies to the following Mfg. Nos.:**

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

**NOTE: Unless noted otherwise, use the standard hardware torque specification chart.**

This technical drawing is an exploded view of a vehicle chassis and suspension assembly. The main chassis frame is shown in the center, with various suspension components, wheels, and fasteners arranged around it. The components are identified by the following numbered callouts:

- 1: Lower control arm
- 2: Wheel hub
- 3: Wheel
- 4: Wheel
- 5: Shock absorber
- 6: Upper control arm
- 7: Spring plate
- 8: Shock absorber
- 9: Upper control arm
- 10: Lower control arm
- 11: Lower control arm
- 12: Shock absorber
- 13: Shock absorber
- 14: Spring plate
- 15: Shock absorber
- 16: Shock absorber
- 17: Spring plate
- 18: Shock absorber
- 19: Shock absorber
- 20: Shock absorber
- 21: Lower control arm
- 22: Shock absorber
- 23: Shock absorber
- 24: Shock absorber
- 25: Shock absorber
- 26: Shock absorber
- 27: Shock absorber
- 28: Shock absorber
- 29: Shock absorber
- 30: Shock absorber
- 31: Shock absorber
- 32: Shock absorber
- 33: Shock absorber

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## Brake Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5401014C	1	WELD, SHAFT, REAR BRAKE
2	5023188	1	BRAKE ASSEMBLY, LH
3	5023309	2	HUB W/ STUDS, 1" TAPER (Unless otherwise specified, RH brake components are identical to the LH side.)
4	5023367	2	DRUM, BRAKE (Unless otherwise specified, RH brake components are identical to the LH side.)
5	5023106	1	BRAKE ASSEMBLY, RH (Part not shown.)
6	5021098	2	BEARING, BRONZE FLANGE 3/4"
7	5100171	1	GRIP, BLACK FLEXIBLE
8	5048163C	1	WELD, SHAFT, BRAKE LEVER
9	5048401C	1	WELD, MOUNT, BRAKE LEVER
10	5045618C	3	WELD, PIVOT LINKAGE MOUNT
11	5025388	2	NUT, 5/16-18 HEX JAM
12	5025045	1	NUT, 5/16-24 HEX NYLON LOCK
13	5401172C	1	LINK, BRAKE LOCK
14	5045619C	1	HANDLE, BRAKE LEVER
15	5022182	2	SWITCH PLUNGER NO/NC SNAP IN
16	5045621C	1	BRACKET, SWITCH MOUNT
17	5025155	7	WASHER, 5/16" SAE
18	5025392	3	NUT, 5/16-18 HEX NYLOCK FLANGE
19	5023324	1	CABLE, PARKING BRAKE (Parking brake cable is routed through hole in Engine Deck.)
20	5045947	1	ADJUSTER, BRAKE LINKAGE
21	5025337	1	WASHER, 5/16" USS
22	5025201X6	1	PIN, COTTER, 3/32" X 3/4"
23	5022361	2	SPRING, BRAKE (Unless otherwise specified, RH brake components are identical to the LH side.)
24	5025010X14	3	BOLT, 1/4-20 X 1.3/4" GD5
25	5025095	3	NUT, 1/4" NYLOC
26	5025156	4	WASHER 3/8" SAE
27	5025013X6	4	BOLT, 3/8-16 X 3/4" GD5
28	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
29	5025011X8	4	BOLT, 5/16-18 X 1" GD5
30	5025010X6	2	BOLT, 1/4-20 X 3/4" GD5
31	5025154	2	WASHER, 1/4" SAE
32	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
33	5025356	1	SHOULDER BOLT, 3/8-16 X 1/2 X 3/8
34	5021494	2	SPRING, COMPRESSION, 5-1/2 (Unless otherwise specified, RH brake components are identical to the LH side.)
35	5401172C	2	LINK, BRAKE LOCK - ORANGE (Unless otherwise specified, RH brake components are identical to the LH side.)
36	5010546	4	COLLAR 3/8" SET (Unless otherwise specified, RH brake components are identical to the LH side.)
37	5047091	2	ROD, BRAKE ADJUSTMENT (Unless otherwise specified, RH brake components are identical to the LH side.)
38	5025156	2	WASHER, 3/8" SAE

### Footnotes

#### The above parts group applies to the following Mfg. Nos.:

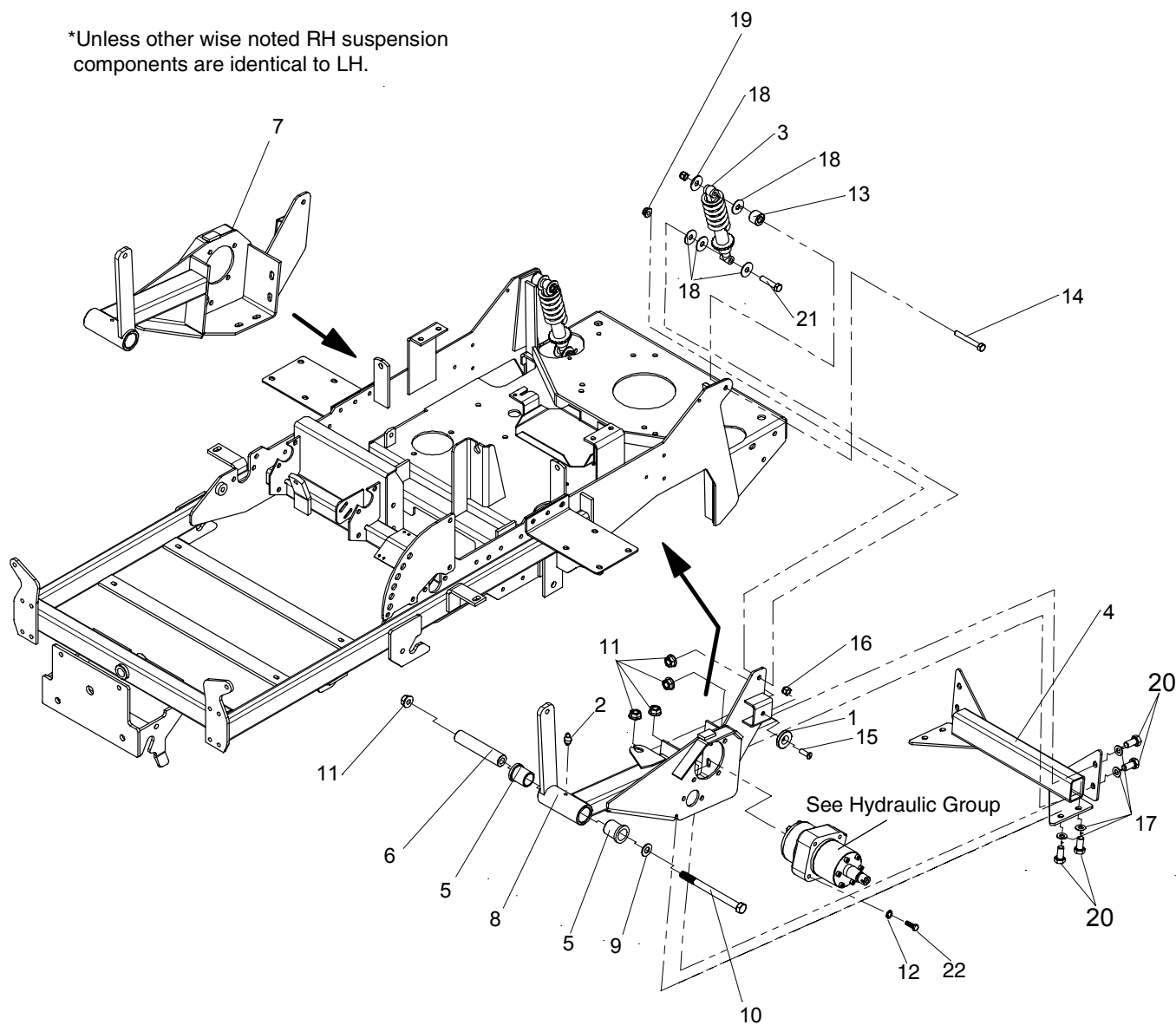
2690449 - Champion Zero-Turn  
 2690451 - Champion Zero-Turn  
 2690452 - Champion Zero-Turn  
 2690483 - Champion Zero-Turn  
 2690484 - Champion Zero-Turn

## Rear Suspension Group

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

276SUS0

\*Unless other wise noted RH suspension  
components are identical to LH.



The above parts group applies to the following Mfg. Nos.:

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

### ***Rear Suspension Group***

<b>REF NO</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
1	5400065	2	SPACER, .34 X 1.54 X .25 - UHMW
2	5020095	2	GREASE FITTING, 1/4-28 STRAIGHT
3	5023213	2	SHOCK
4	5401012C	1	WELD, TIE BAR - ORANGE
5	5021541	4	BUSHING, FLANGE
6	5100194	2	SPACER, .52 X 1.00 X 4.868
7	5400973C	1	TRAILING ARM ASSM., RH
8	5400972C	1	TRAILING ARM ASSM., LH
9	5025158	2	WASHER, 1/2" SAE
10	5025017X52	2	BOLT, 1/2-13 X 6-1/2" GD5
11	5025396	10	NUT, 1/2-13 HEX NYLOCK FLANGE
12	5025171	8	WASHER, 3/8" SPLIT LOCK
13	5045178	2	SPACER, .52 X 1.00 X .75
14	5025013X22	2	BOLT, 3/8-16 X 2-3/4" GD5
15	5025303	2	SCREW 5/16-18 X 1 FLAT HD SC
16	5025096	2	NUT, 3/8-16 HEX NYLON LOCK
17	5025156	8	WASHER 3/8" SAE
18	5025165	10	WASHER, 3/8" FENDER
19	5025394	3	NUT, 3/8-16 HEX NYLOCK FLANGE
20	5025017X8	8	BOLT, 1/2-13X1
21	5025013X14	2	BOLT, 3/8-16 X 1-3/4" GD5
22	5025013X8	8	BOLT, 3/8-16 X 1" GD5 YZ

### **Footnotes**

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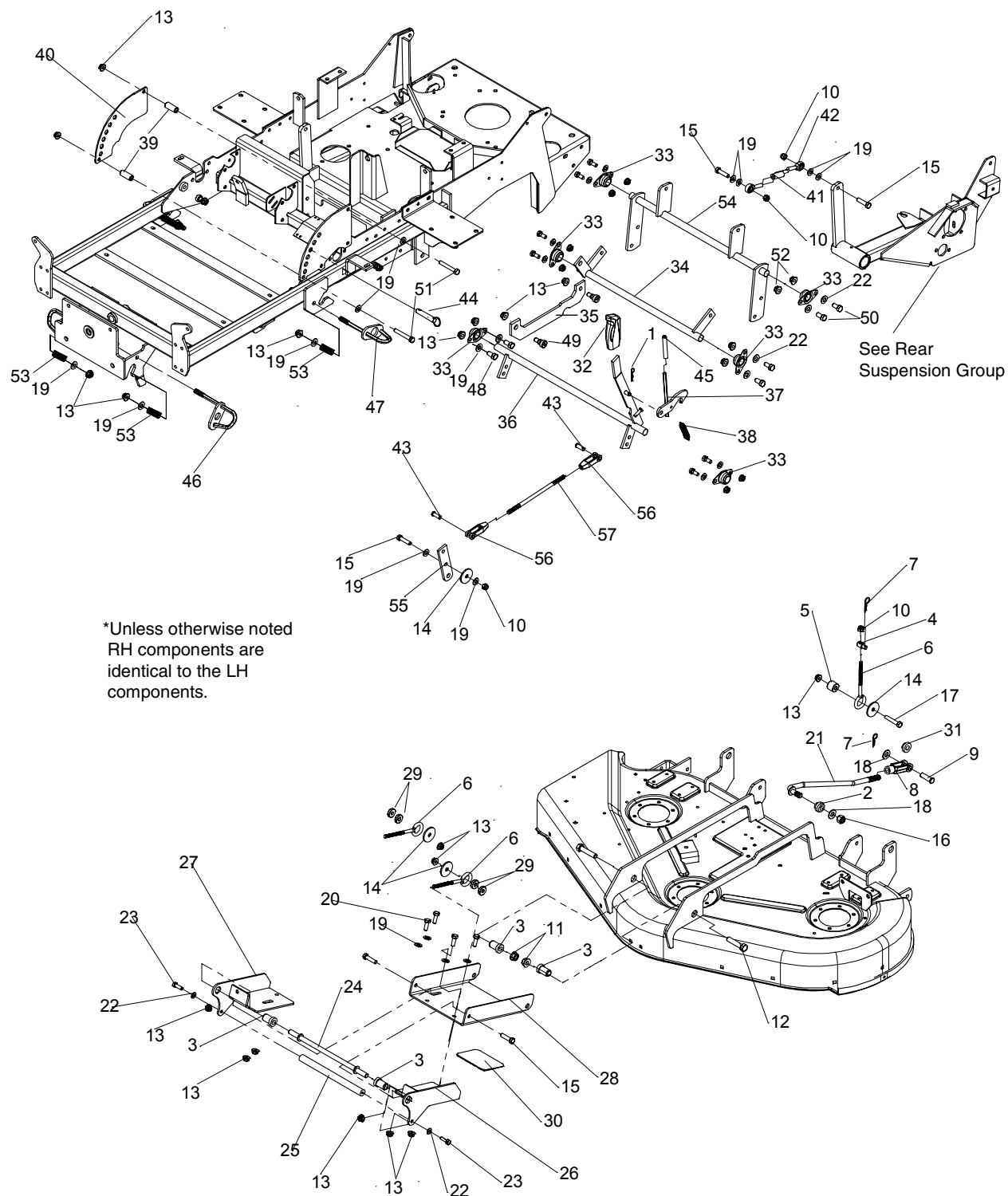
#### **The above parts group applies to the following Mfg. Nos.:**

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## Lift Group

**NOTE:** Unless noted otherwise,  
use the standard hardware torque  
specification chart.

276DLT0



**The above parts group applies to the following Mfg. Nos.:**

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn



## Lift Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025202X12	1	PIN, Cotter, 3/16 X 1-1/2
2	5100351	2	BUSHING, REAR QUICK TACH
3	5100144	4	SPACER, .53 X 1.00 X 1.44
4	5045947	2	ADJUSTER, BRAKE LINKAGE
5	5047125	2	SPACER, .39 X 1.00 X .88
6	5021812	4	EYE BOLT, 3/8-16 X 6" , 1" EYE
7	5025210	4	3/32 X 1-5/8 HAIR PIN CLIP N/A
8	5023174	2	CLEVIS , 1/2-20, STEEL
9	5025328X12	2	PIN CLEVIS 1/2" X 1-1/4"
10	5025096	7	NUT, 3/8-16 HEX NYLON LOCK
11	5025396	2	NUT, 1/2-13 HEX NYLOCK FLANGE
12	5025017X18	2	BOLT, 1/2-13 X 2-1/4" GD5
13	5025394	22	NUT, 3/8-16 HEX NYLOCK FLANGE
14	5025305	5	WASHER, .41 X 1.75 X .14
15	5025013X12	6	BOLT, 3/8-16 X 1-1/2" GD5
16	5025098	2	NUT, 1/2-20 HEX NYLON LOCK
17	5025013X16	2	BOLT, 3/8-16 X 2" GD5
18	5025158	4	WASHER, 1/2" SAE
19	5025156	16	WASHER 3/8" SAE
20	5025013X8	4	BOLT, 3/8-16 X 1" GD5
21	5100170	2	ROD, DECK LIFT, LINKAGE
22	5025155	10	WASHER, 5/16" SAE
23	5025011X8	2	BOLT, 5/16-18 X 1" GD5
24	5100177	1	SHAFT, HANGER
25	5100135	1	SHAFT, HANDLE, DECK SUPPORT
26	5400391C	1	WELD, DECK HANGER, LH
27	5400392C	1	WELD, DECK HANGER, RH
28	5400382C	1	PLATE, DECK HANGER SUPPORT
29	5044960	4	SPACER, .39 X 1.00 X .25
30	5044875	1	SAFETY WALK, 4.50 X 3.50
31	5048258	2	BUSHING, DECK SUPPORT
32	5100171	1	GRIP, BLACK FLEXIBLE
33	5021098	6	BEARING, BRONZE FLANGE 3/4"
34	5401031C	1	WELD, DECK LIFT HANGER REAR - ORANGE
35	5401054C	1	LINK, DECK LIFT SHAFT - ORANGE
36	5401055C	1	WELD, DECK HEIGHT SHAFT - ORANGE
37	5048884C	1	WELD, DECK LOCK - ORANGE
38	5020639	1	SPRING, EXTENSION
39	5048264	2	SPACER, .63 X .39 X 1.50
40	5400370C	1	PLATE, INNER DECK HEIGHT
41	5100323	2	SLEEVE, .32 X .63 X 1.50, TAPPED 3/8 X 24
42	5021124	4	BALL JOINT, 3/8-24 MALE
43	5025214X8	2	PIN, CLEVIS, 3/8 X 1
44	5100179	1	HITCH PIN, 1/2" X 2-1/2"

## Footnotes

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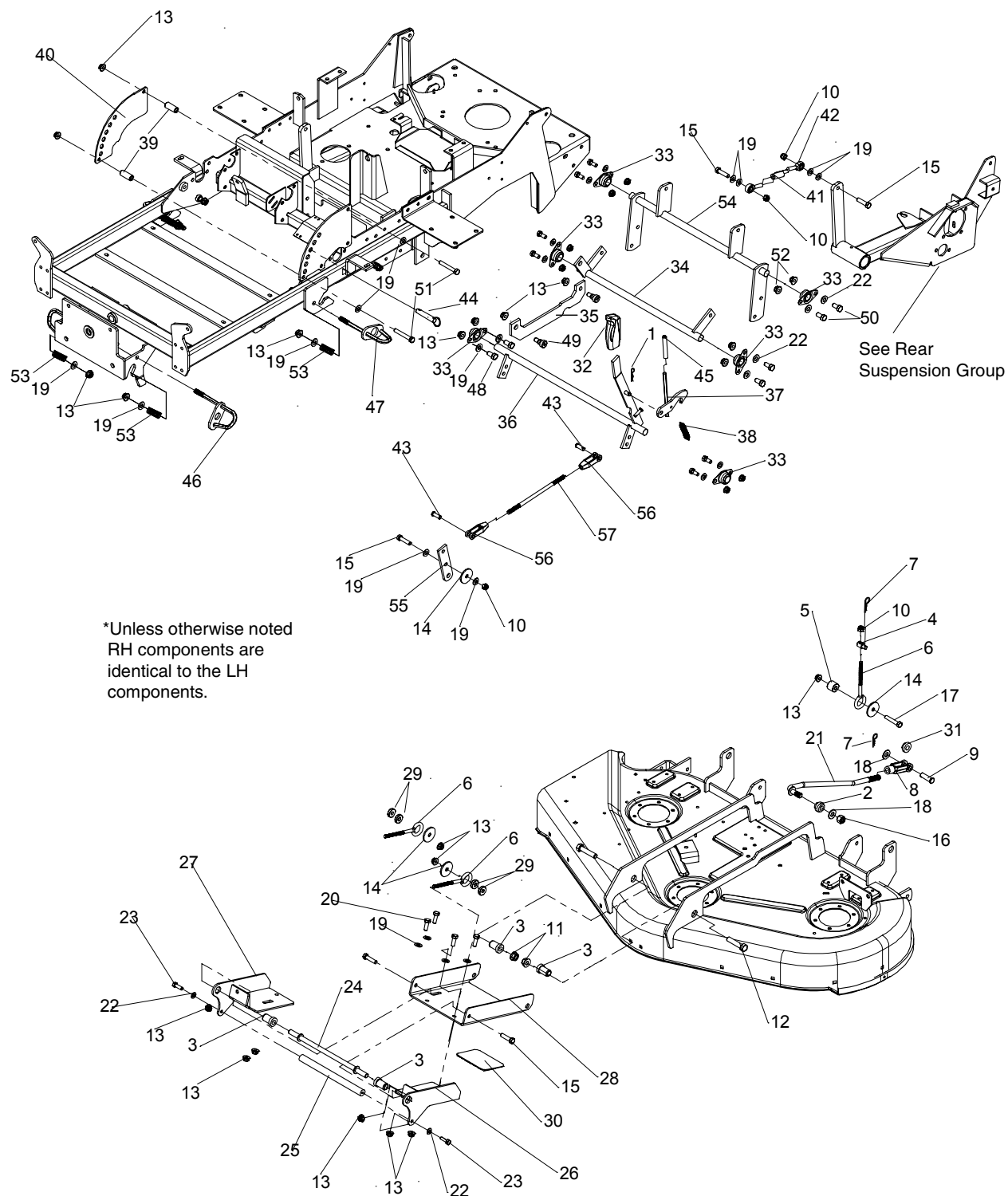
### The above parts group applies to the following Mfg. Nos.:

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## Lift Group

**NOTE:** Unless noted otherwise,  
use the standard hardware torque  
specification chart.

276DLT0



**The above parts group applies to the following Mfg. Nos.:**

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## ***Lift Group***

<b>REF NO</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
45	5023198	1	COVER, VINYL HANDLE
46	5400401C	2	WELD, QUICK RELEASE HANDLE, FRONT
47	5400839C	2	WELD, QUICK RELEASE HANDLE, REAR
48	5025013X6	4	BOLT, 3/8-16 X 3/4" GD5
49	5025356	2	SHOULDER BOLT, 3/8-16 X 1/2 X 3/8
50	5025011X6	8	BOLT, 5/16-18 X 3/4" GRD5
51	5025013X20	2	BOLT, 3/8-16 X 2-1/2" GD5
52	5025393	8	NUT, 5/16-24 HEX NYLOCK FLANGE
53	5021102	4	SPRING
54	5401052C	1	WELD, COMPENSATOR ASSM. - ORANGE
55	5048698C	1	LINK, ROLLER REVERSE - ORANGE
56	5021171	2	CLEVIS, 3/8-24 PLASTIC
57	5048707	1	ROD, LEVER CONNECTING

## **Footnotes**

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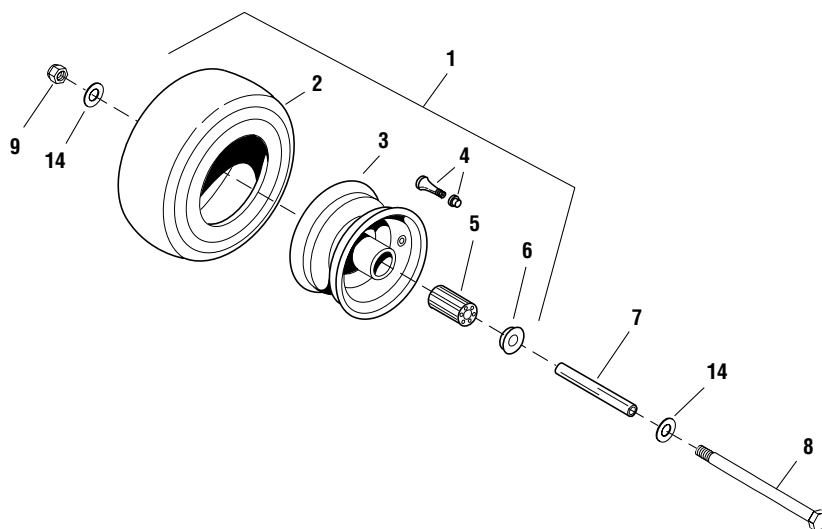
### **The above parts group applies to the following Mfg. Nos.:**

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

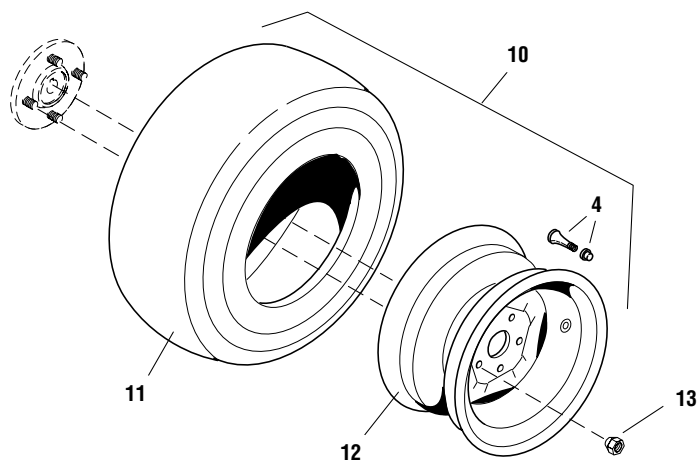
## Wheel & Tire Group

**NOTE:** Unless noted otherwise,  
use the standard hardware torque  
specification chart.

276WHL0



**Front Wheels**



**Rear Wheels**

**The above parts group applies to the following Mfg. Nos.:**

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## **Wheel & Tire Group**

<b>REF NO</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
1	5022433S	2	WHEEL & TIRE ASSEMBLY, 11 X 4.0 - 5, COMPLETE (Includes Ref No. 2 - 6)
2	5022433X1	2	TIRE, FRONT, 11 X 4.0 - 5
3	5022433S2	2	WHEEL ASSEMBLY, COMPLETE (Includes Ref No. 4 & 5)
4	2172353	4	VALVE STEM & CAP ASSEMBLY
5	5021042	4	BEARING, ROLLER (2 Per Tire)
6	5021043	4	BEARING RETAINER (2 Per Tire)
7	5045996	2	AXLE, FRONT CASTER
8	5025017X52	2	BOLT, 1/2-13 X 6-1/2
9	5025056	2	NUT, HEX NYLON LOCK, 1/2-13
10	5023095	2	WHEEL & TIRE ASSEMBLY, 20 X 8.0 - 10, COMPLETE (Includes Ref No. 4, 11 & 12)
11	5023095X1	2	TIRE, REAR, 20 X 8.0 X 10
12	5023095X2	2	WHEEL ASSEMBLY, FOR 20 X 8.0 X 10 TIRE
13	5020601	8	LUG NUT, 1/2-20
14	5025158	4	WASHER, SAE, 1/2

## **Footnotes**

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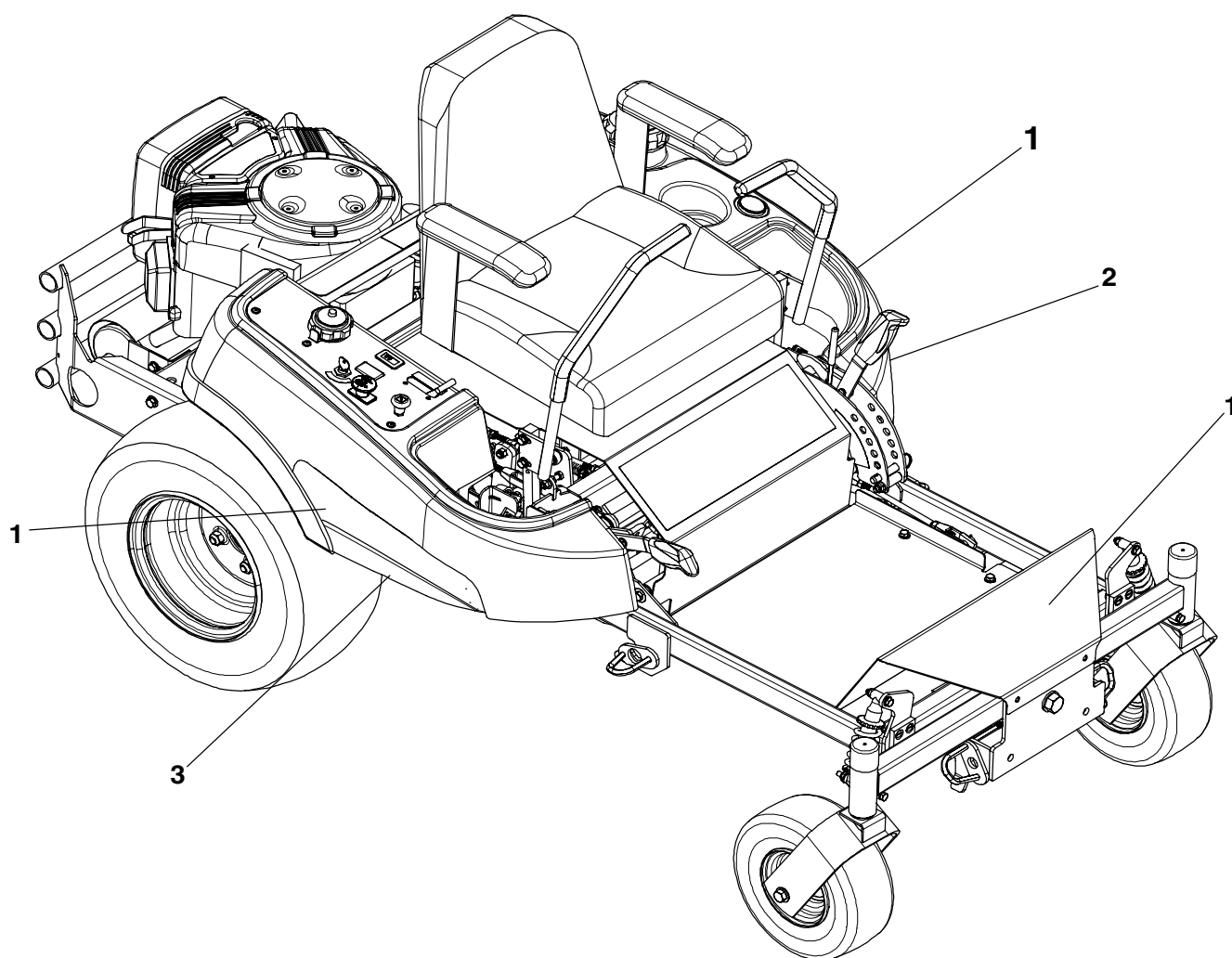
### **The above parts group applies to the following Mfg. Nos.:**

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## Decals Group - Brand & Model

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

276DCL0



### The above parts group applies to the following Mfg. Nos.:

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

***Decals Group - Brand & Model***

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REF NO	PART NO.	QTY.	DESCRIPTION
1	1722551	3	DECAL, SIMPLICITY LOGO, GV3079178
2	5023228	1	DECAL, STRIPE, LH, SIMPLICITY
3	5023229	1	DECAL, STRIPE, RH, SIMPLICITY

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**Footnotes**

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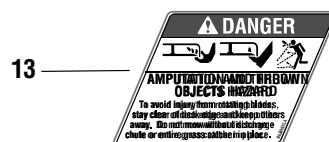
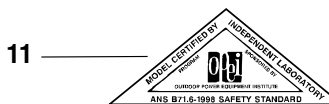
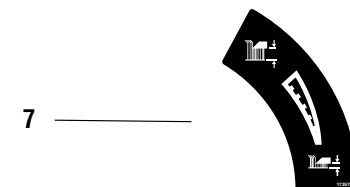
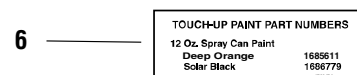
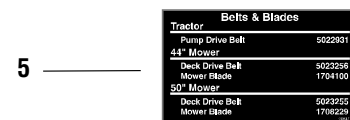
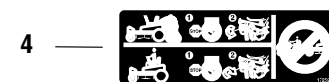
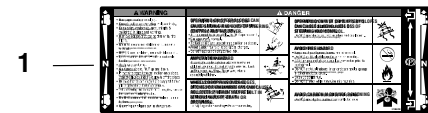
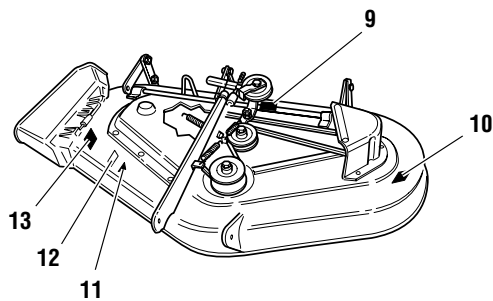
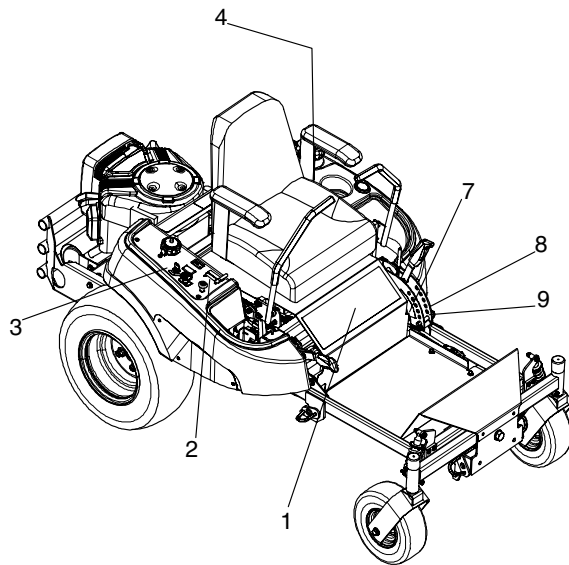
**The above parts group applies to the following Mfg. Nos.:**

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## Decals Group - Safety & Common

**NOTE:** Unless noted otherwise, use the standard hardware torque specification chart.

276DCL1



**The above parts group applies to the following Mfg. Nos.:**

2690449 - Champion Zero-Turn

2690451 - Champion Zero-Turn



### ***Decals Group - Safety & Common***

REF NO	PART NO.	QTY.	DESCRIPTION
1	5100252	1	DECAL, MAIN
2	5100280	1	DECAL, THROTTLE CONTROL
3	5048970	1	DECAL, IGNITION SWITCH
4	1725941	1	DECAL, CZT HYDRO RELEASE
5	5048907	1	DECAL, BELT & BLADE (Located Under Seat Plate)
6	1720454	1	DECAL-TOUCH UP PAINT (Located Under Seat Plate)
7	1725703	1	DECAL, HEIGHT OF CUT
8	*	1	DECAL, US PATENT, ZTR
9	*	1	DECAL, ID PLATE
10	5100136	1	DECAL, DANGER, MOWER
11	*	1	DECAL-OPEI CERTIFIED ANSI B71.12003 GOLD
12	1722788	1	DECAL-44"- SILVER ON BLACK W/STRIPE
12	1722790	1	DECAL-50"- SILVER ON BLACK W/STRIPE
13	5100137	1	DECAL, DANGER, MOWER DISCHARGE

### **Footnotes**

Note\* Not a serviceable part.

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### **The above parts group applies to the following Mfg. Nos.:**

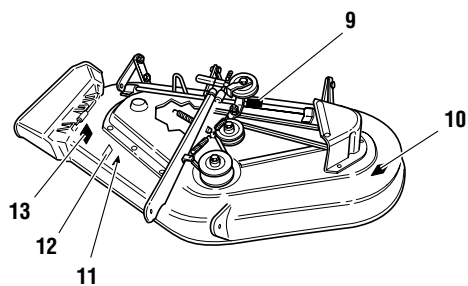
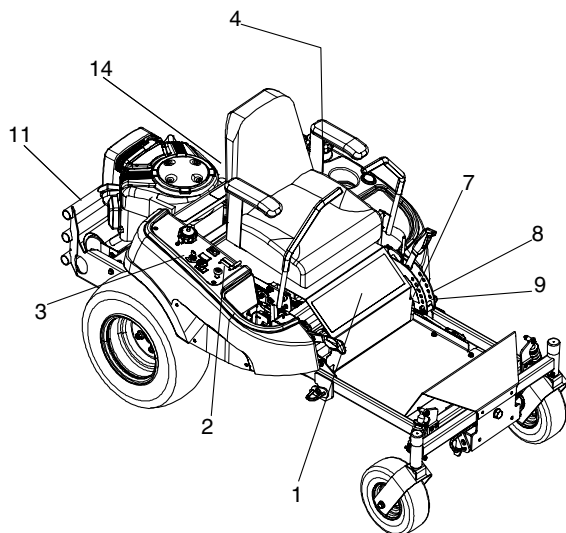
2690449 - Champion Zero-Turn

2690451 - Champion Zero-Turn

## Export Decals Group - Safety & Common

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

276DCL2



Belts & Blades	
Pump Drive Belt	9022831
44" Mower Deck Drive Belt	9022894
50" Mower Deck Drive Belt	1704100
Deck Drive Belt	9023955
Mower Blade	1718225

TOUCH-UP PAINT PART NUMBERS	
12 Oz. Spray Can Paint	
Deep Orange	1685811
Soft Black	1586779



The above parts group applies to the following Mfg. Nos.:

2690452 - Champion Zero-Turn

2690483 - Champion Zero-Turn

2690484 - Champion Zero-Turn

**Export Decals Group - Safety & Common**

REF NO	PART NO.	QTY.	DESCRIPTION
1	5061108	1	DECAL, MAIN CE
2	5100280	1	DECAL, THROTTLE CONTROL
3	5048970	1	DECAL, IGNITION SWITCH
4	1725941	1	DECAL, CZT HYDRO RELEASE
5	5048907	1	DECAL, BELT & BLADE (Located Under Seat)
6	1720454	1	DECAL-TOUCH UP PAINT (Located Under Seat)
7	1725703	1	DECAL, HEIGHT OF CUT
8	*	1	DECAL, US PATENT, ZTR
9	*	1	DECAL, ID PLATE
10	5061042	2	DECAL, CE DANGER
11	1704473	1	DECAL, HOT
12	1722788	1	DECAL-44"- SILVER ON BLACK W/STRIPE
12	1722790	1	DECAL-50"- SILVER ON BLACK W/STRIPE
13	1720389	2	DECAL-DANGER ROTATING BLADE SYMBOLS
14	5061217	1	DECAL, DANGER, CE

**Footnotes**

Note\* Not a serviceable part.

**The above parts group applies to the following Mfg. Nos.:**

2690452 - Champion Zero-Turn

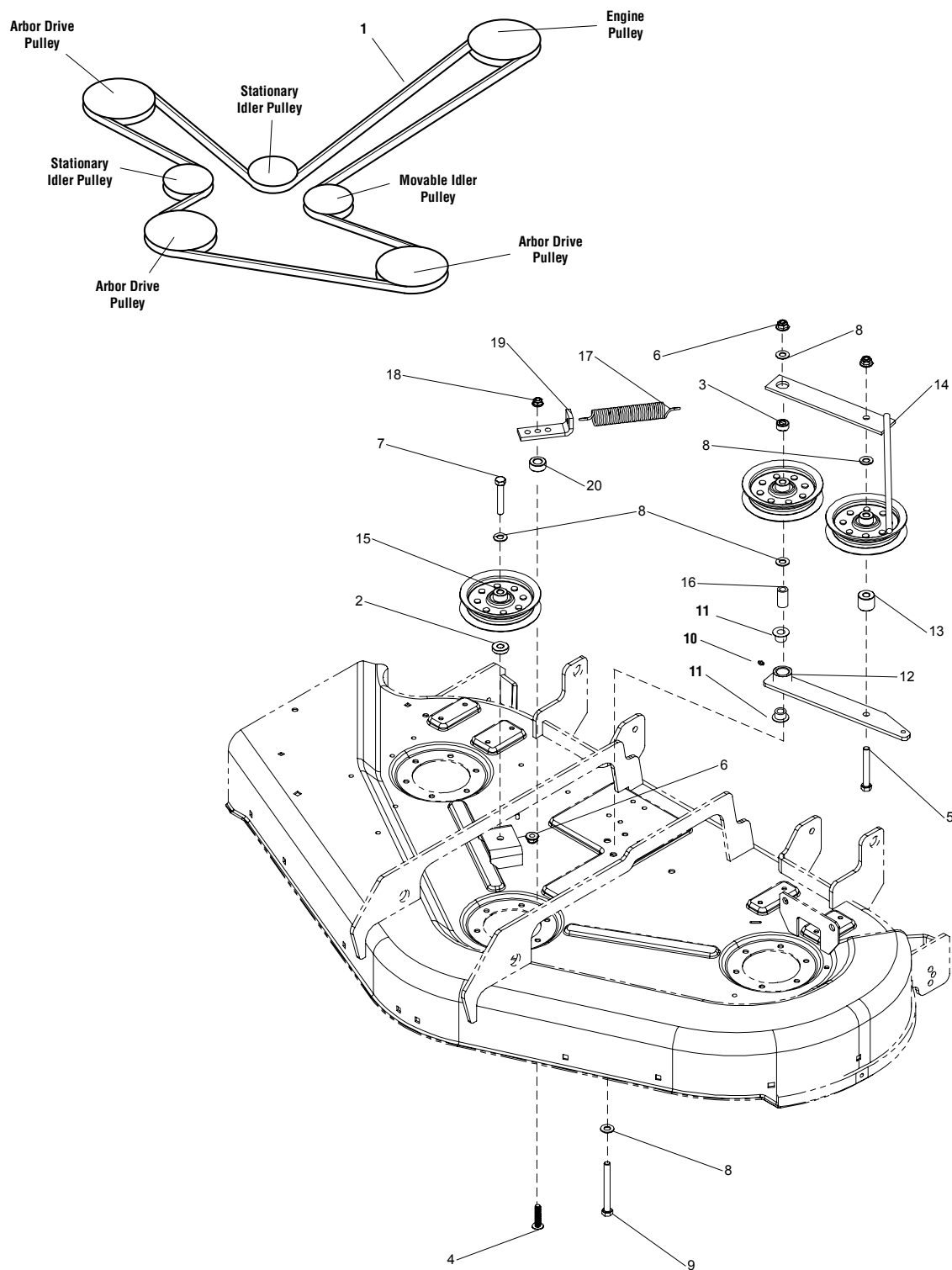
2690483 - Champion Zero-Turn

2690484 - Champion Zero-Turn

## 44" & 50" Mower Deck - Belt & Idler Group

2764PB0

**NOTE:** Unless noted otherwise,  
use the standard hardware torque  
specification chart.



**The above parts group applies to the following Mfg. Nos.:**

2690449 - Champion Zero-Turn  
 2690451 - Champion Zero-Turn  
 2690452 - Champion Zero-Turn  
 2690483 - Champion Zero-Turn  
 2690484 - Champion Zero-Turn

### **44" & 50" Mower Deck - Belt & Idler Group**

REF NO	PART NO.	QTY.	DESCRIPTION
1	5023255	1	BELT (For 50" Deck Only)
1	5023256	1	BELT (For 44" Deck Only)
2	5044960	1	SPACER, .39 X 1.00 X .25
3	5044933	1	SPACER, .39 X .75 X .38
4	5023157	1	BOLT, 5/16-18 X 1-1/2" FLANGE
5	5025013X22	1	BOLT, 3/8-16 X 2-3/4" GD5
6	5025394	3	NUT, 3/8-16 HEX NYLOCK FLANGE
7	5025013X18	1	BOLT, 3/8-16 X 2-1/4" GD5
8	5025156	5	WASHER 3/8" SAE
9	5025013X28	1	BOLT, 3/8-16 X 3-1/2" GD5
10	5020095	1	FITTING, GREASE
11	1676148	2	BUSHING, 5/8 X 3/4 X 13/32, POWDER METAL
12	5400398C	1	ASSM, IDLER ARM 44" SIMPLICITY
13	5047125	1	SPACER, .39 X 1.00 X .88
14	5400402C	1	WELD, MOUNT, IDLER, TENSION
15	5049003C	3	ASSM, PULLEY IDLER
16	1674669	1	SPACER
17	1715435	1	SPRING, EXTEN, 1.0 OD, 6" LG, .118
18	5025392	1	NUT, 5/16-18 HEX NYLOCK FLANGE
19	5048383C	1	ANCHOR, SPRING
20	5045023	1	SPACER, .52 X 1.00 X .44

### **Footnotes**

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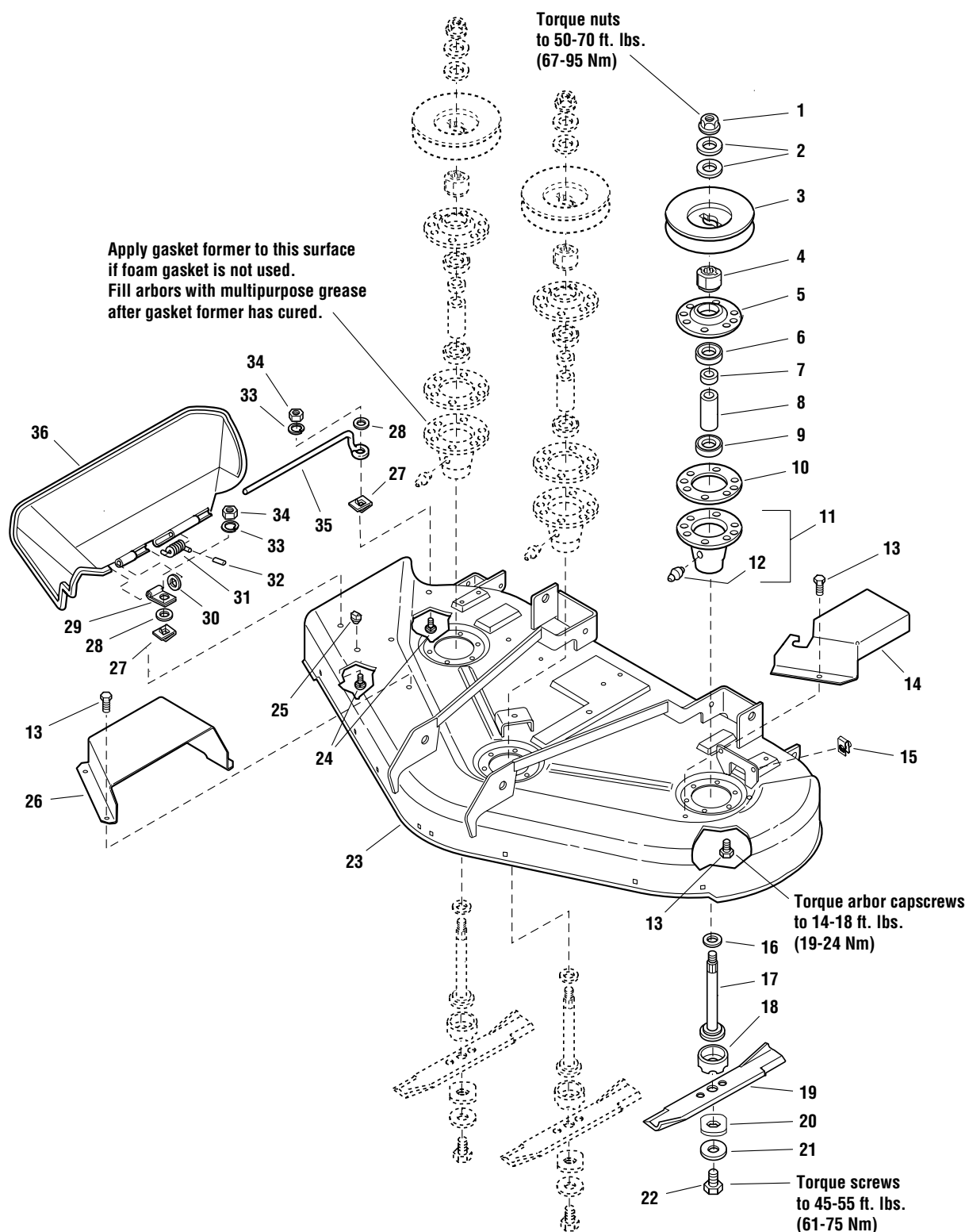
#### **The above parts group applies to the following Mfg. Nos.:**

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## 44" & 50" Mower Deck - Housing, Arbors & Blades Group

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

2764HC0



The above parts group applies to the following Mfg. Nos.:

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

### **44" & 50" Mower Deck - Housing, Arbors & Blades Group**

REF NO	PART NO.	QTY.	DESCRIPTION
1	1714419	3	NUT, HEX FLANGE, 9/16-18
2	1713675	6	WASHER, BELLEVILLE, 9/16
3	1713161	3	PULLEY
4	1713613	3	HUB
5	1655729	3	COVER, ARBOR HOUSING
6	2108202	3	BEARING, BALL, 3/4 X 1-3/4 X 5/8
7	1715724	3	SPACER, 21/32 X 3/4 X 5/8
8	1715723	3	SPACER, 11/16 X 5/32 X 2-11/16
9	1705897	3	BEARING, BALL, 11/16 X 1-9/16 X 15/32
10	1707335	3	SEAL, FOAM
11	1713338	3	ARBOR HOUSING ASSEMBLY (Includes Ref No. 12)
12	1704314	3	FITTING, GREASE
13	1664847	24	BOLT TAPTITE, 5/16-18 X 3/4
14	5400403C	1	COVER, ARBOR, LH
15	5022308	2	BODY CLIP, 5/16-18
16	1713619	3	WASHER, 9/16, BLACK
17	1713609	3	SHAFT, ARBOR
18	1713196	3	SHIELD, GRASS, LOWER
19	1704100	3	BLADE, MOWER, 16-1/8 (For 44" Deck)
19	1708229	3	BLADE, MOWER, 18-1/8 (For 50" Deck)
20	1713089	3	WASHER, HEX, 11/16 X 2
21	1656916	3	WASHER, SPRING, 15/32, BLACK
22	2923471	3	BOLT, 7/16-14 X 1-1/4
23	5401058C	1	MOWER HOUSING ASSEMBLY, 44" MOWER (includes decals)
23	5401059C	1	MOWER HOUSING ASSEMBLY, 50" MOWER (includes decals)
24	1931318	2	CARRIAGE BOLT, 1/4-20 X 7/8
25	1705115	1	PLUG, HOLE
26	5401091C	1	COVER, ARBOR, RH
27	1960518	2	NUT, PUSH
28	1960353	2	WASHER, 1/4, BLACK
29	1704873	1	CLAMP
30	1919326	1	WASHER, 5/16, BLACK
31	1723938	1	SPRING
32	1723323	1	VINYL CAP
33	1916964	2	WASHER, LOCK, 1/4
34	1916622	2	NUT, HEX, 1/4-20
35	5049245	1	ROD, DEFLECTOR
36	1705449	1	DEFLECTOR, PLASTIC

### **Footnotes**

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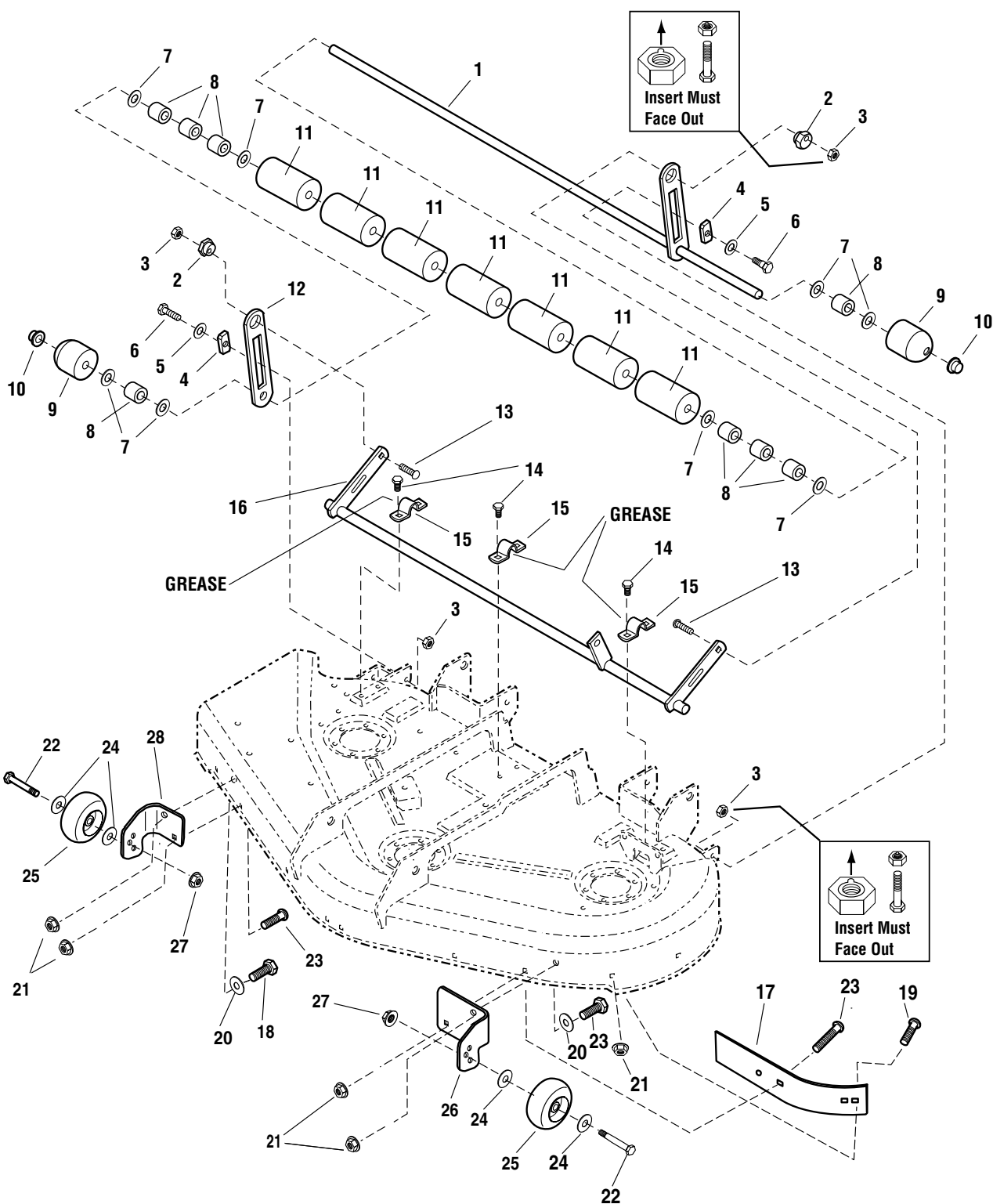
#### **The above parts group applies to the following Mfg. Nos.:**

2690449 - Champion Zero-Turn  
2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690483 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

## 44" Mower Deck Roller Group

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.

2764RL0



The above parts group applies to the following Mfg. Nos.:

2690449 - Champion Zero-Turn

2690483 - Champion Zero-Turn



### **44" Mower Deck Roller Group**

REF NO	PART NO.	QTY.	DESCRIPTION
1	5048676C	1	SHAFT, ROLLER, 44"
2	1704082	2	NUT, ADJUSTER
3	7960641	4	NUT, HEX ALUMINUM INSERT LOCK, 3/8-16
4	1677507	2	SLIDE
5	1924361	2	WASHER, PLAIN, 1/2
6	2172622	2	BOLT, SHOULDER, 3/8-16
7	1924366	8	WASHER, .661 ID X 1.12 OD X .11, BLACK
8	1602946	8	SPACER, 25/64 X 13/16 X 13/16, STEEL, BLACK
9	1717675	2	ROLLER, ROUNDED
10	1960520	2	NUT, PUSH
11	1668513	7	ROLLER
12	5049040C	1	BAR, ROLLER
13	1931352	2	CARRIAGE BOLT, 3/8-16 X 1-1/2
14	1664847	6	CAPSCREW, HEX HEAD TAPTITE, 5/16-18 X 3/4
15	1665374	3	STRAP
16	5048672C	1	SHAFT, DECK LIFT, 44"
17	1724538	1	SHORT BLOWOUT BAFFLE
18	5025145X8	1	CARRIAGE BOLT, 5/16-18 X 1
19	5025145X6	1	CARRIAGE BOLT, 5/16-18 X 3/4
20	5025155	2	WASHER, 5/16, PLAIN, SAE
21	5025392	5	NUT, 5/16 - 18, HEX, NYLOCK FLANGE
22	2108765	2	BOLT, REAR WHEEL
23	5025011X8	3	CAPSCREW, HEX HEAD, 5/16-18 X 1
24	1960027	4	WASHER
25	1714760	2	GAUGE WHEEL
26	5049017C	1	BRACKET, GAUGE WHEEL, LH
27	1930645	2	NUT, FLANGE, SIDELOCK, 3/8-16
28	5049018C	1	BRACKET, GAUGE WHEEL, RH

### **Footnotes**

**The above parts group applies to the following Mfg. Nos.:**

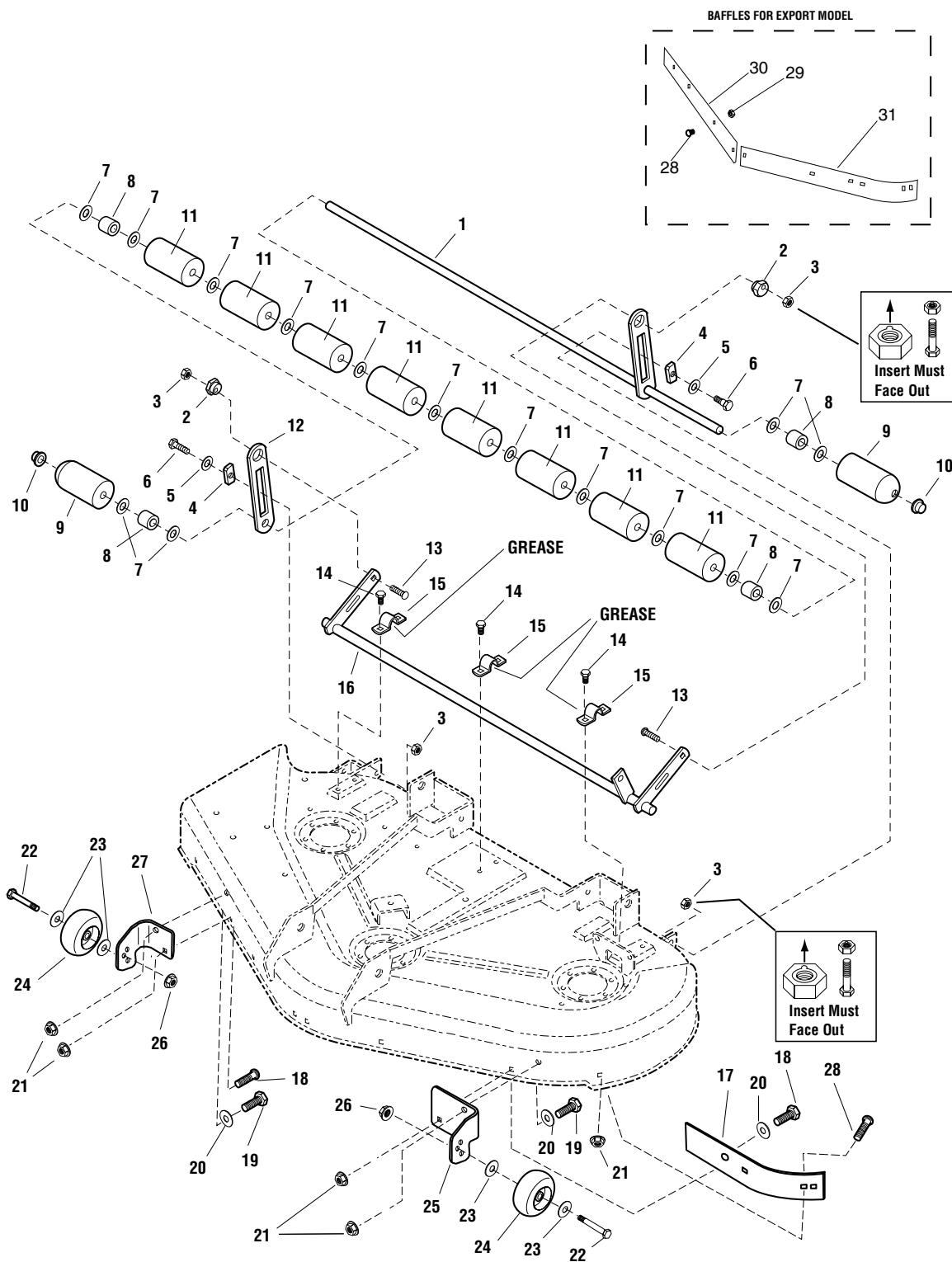
2690449 - Champion Zero-Turn

2690483 - Champion Zero-Turn

## 50" Mower Deck Roller Group

2765RL0

**NOTE:** Unless noted otherwise,  
use the standard hardware torque  
specification chart.



**The above parts group applies to the following Mfg. Nos.:**

2690451 - Champion Zero-Turn  
2690452 - Champion Zero-Turn  
2690484 - Champion Zero-Turn

### 50" Mower Deck Roller Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5048746C	1	SHAFT, ROLLER, 50"
2	1704082	2	NUT, ADJUSTER
3	7960641	4	NUT, HEX ALUMINUM INSERT LOCK, 3/8-16
4	1677507	2	SLIDE
5	1924361	2	WASHER, PLAIN, 1/2
6	2172622	2	BOLT, SHOULDER, 3/8-16
7	1924366	15	WASHER, .661 ID X 1.12 OD X .11, BLACK
8	1709195	8	SPACER-0.666 ID X 0.876OD X 1.25 LG SPLIT BLK
9	1722036	2	ROLLER, ROUNDED
10	1960520	2	NUT, PUSH
11	1668513	8	ROLLER
12	5049040C	1	BAR, ROLLER
13	1931352	2	CARRIAGE BOLT, 3/8-16 X 1-1/2
14	1664847	6	CAPSCREW, HEX HEAD TAPTITE, 5/16-18 X 3/4
15	1665374	3	STRAP
16	5048674C	1	SHAFT, DECK LIFT, 50"
17	1724538	1	SHORT BLOWOUT BAFFLE
18	5025145X8	2	CARRIAGE BOLT, 5/16-18 X 1
19	5025011X8	2	CAPSCREW, HEX HEAD, 5/16-18 X 1
20	5025155	2	WASHER, 5/16, PLAIN, SAE
21	5025392	5	NUT, 5/16 - 18, HEX, NYLOCK FLANGE
22	2108765	2	BOLT, REAR WHEEL
23	1960027	4	WASHER
24	1714760	2	GUAGE, WHEEL
25	5049017C	1	BRACKET, GUAGE WHEEL, LH
26	1930645	2	NUT, FLANGE, SIDELOCK, 3/8-16
27	5049018C	1	BRACKET, GUAGE WHEEL, RH
28	5025145X6	11	CARRIAGE BOLT, 5/16-18 X 3/4
29	5025057	10	NUT, 5/16 - 18 HEX NYLON LOCK
30	1716869A	1	BLOWOUT BAFFLE, RH 50" MOWER - BLACK (Export model only.)
31	1716870A	1	BLOWOUT BAFFLE, LH 50" MOWER - BLACK (Export model only.)

### Footnotes

The above parts group applies to the following Mfg. Nos.:

2690451 - Champion Zero-Turn

2690452 - Champion Zero-Turn

2690484 - Champion Zero-Turn



# Hardware Identification & Torque Specifications

## Common Hardware Types

Hex Head Capscrew



Washer



Lockwasher

Carriage Bolt



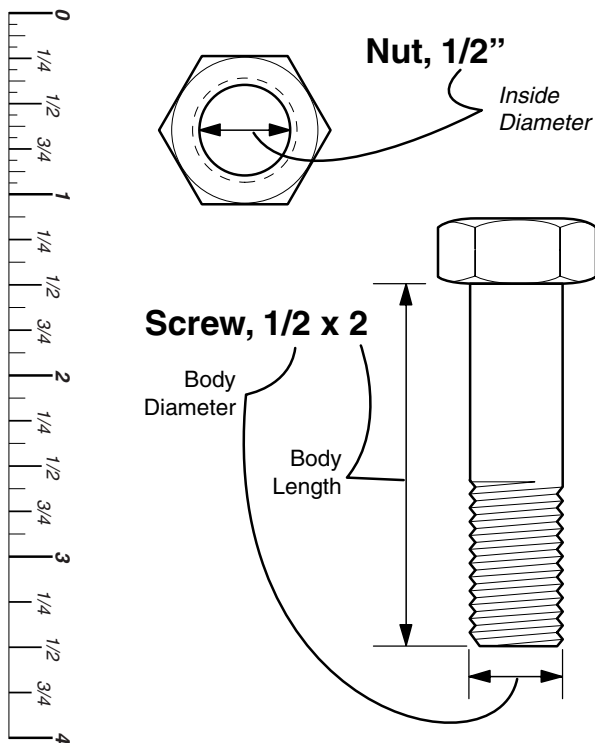
Hex Nut

## Standard Hardware Sizing

When a washer or nut is identified as **1/2"**, this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch; if a second number is present it represents the *threads per inch*

When bolt or capscrew is identified as **1/2 - 16 x 2"**, this means the *Nominal size*, or *body diameter* is 1/2 inch; the second number represents the *threads per inch* (16 in this example, and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

**The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.**



## Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance  $\pm 20\%$ )

Hardware Grade	No Marks SAE Grade 2		SAE Grade 5		SAE Grade 8	
	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6
8-36	20	2.3	31	3.5	43	4.9
10-24	27	3.1	43	4.9	60	6.8
10-32	31	3.5	49	5.5	68	7.7
1/4-20	66	7.6	8	10.9	12	16.3
1/4-28	76	8.6	10	13.6	14	19.0
5/16-18	11	15.0	17	23.1	25	34.0
5/16-24	12	16.3	19	25.8	27	34.0
3/8-16	20	27.2	30	40.8	45	61.2
3/8-24	23	31.3	35	47.6	50	68.0
7/16-14	30	40.8	50	68.0	70	95.2
7/16-20	35	47.6	55	74.8	80	108.8
1/2-13	50	68.0	75	102.0	110	149.6
1/2-20	55	74.8	90	122.4	120	163.2
9/16-12	65	88.4	110	149.6	150	204.0
9/16-18	75	102.0	120	163.2	170	231.2
5/8-11	90	122.4	150	204.0	220	299.2
5/8-18	100	136	180	244.8	240	326.4
3/4-10	160	217.6	260	353.6	386	525.0
3/4-16	180	244.8	300	408.0	420	571.2
7/8-9	140	190.4	400	544.0	600	816.0
7/8-14	155	210.8	440	598.4	660	897.6
1-8	220	299.2	580	788.8	900	1,244.0
1-12	240	326.4	640	870.4	1,000	1,360.0

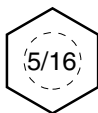
### NOTES

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
  - for prevailing torque locknuts - use 65% of grade 5 torques.
  - for flange whizlock nuts and screws - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

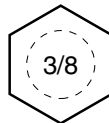
## Wrench & Fastener Size Guide



1/4" Bolt or Nut  
Wrench—7/16"



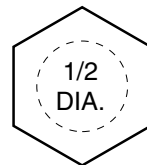
5/16" Bolt or Nut  
Wrench—1/2"



3/8" Bolt or Nut  
Wrench—9/16"



7/16" Bolt or Nut  
Wrench (Bolt)—5/8"  
Wrench (Nut)—11/16"



1/2" Bolt or Nut  
Wrench—3/4"



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